

10/716,283

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,
STN AnaVist, now available
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America
NEWS 5 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
NEWS 6 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 10 OCT 06 STN AnaVist workshops to be held in North America
NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 12 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPLUS documents for use in third-party analysis and
visualization tools
NEWS 13 OCT 27 Free KWIC format extended in full-text databases
NEWS 14 OCT 27 DIOGENES content streamlined
NEWS 15 OCT 27 EPPFULL enhanced with additional content

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:06:02 ON 11 NOV 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 18:06:09 ON 11 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

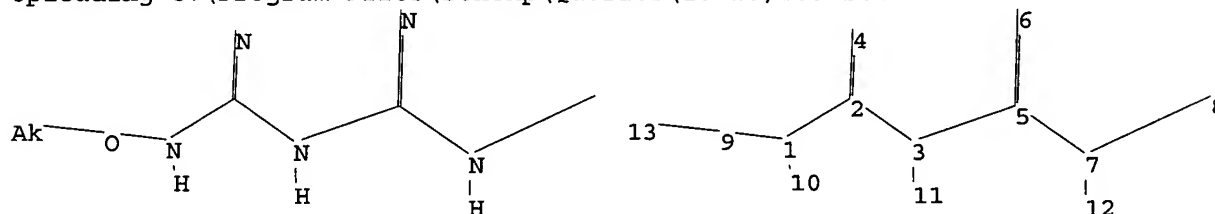
```
STRUCTURE FILE UPDATES:      9 NOV 2005  HIGHEST RN 867140-95-2
DICTIONARY FILE UPDATES:    9 NOV 2005  HIGHEST RN 867140-95-2
```

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

```
*****
*
* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005.  A new display format, IDERL, is now
* available and contains the CA role and document type information.
*
*****
```

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

```
=>
Uploading C:\Program Files\Stnexp\Queries\10716,283.str
```



```

chain nodes :
1  2  3  4  5  6  7  9  10  11  12  13
ring/chain nodes :
8
chain bonds :
1-2  1-9  1-10  2-3  2-4  3-5  3-11  5-6  5-7  7-8  7-12  9-13
exact/norm bonds :
1-2  1-9  2-3  2-4  3-5  5-6  5-7  7-8  9-13
exact bonds :
1-10  3-11  7-12

```

10/716,283

G1:O,S,N

G2: Cy,Ak

Match level :

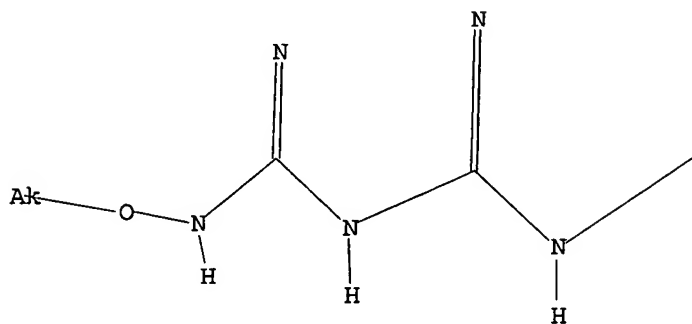
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

G2 Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 18:06:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 56 TO 504

PROJECTED ANSWERS: 22 TO 418

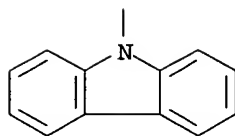
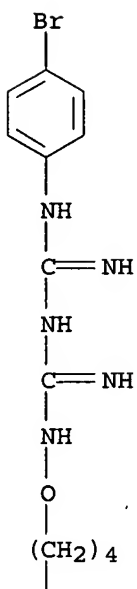
L2 11 SEA SSS SAM L1

=> d scan

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[4-(9H-carbazol-9-yl)butoxy]- (9CI)

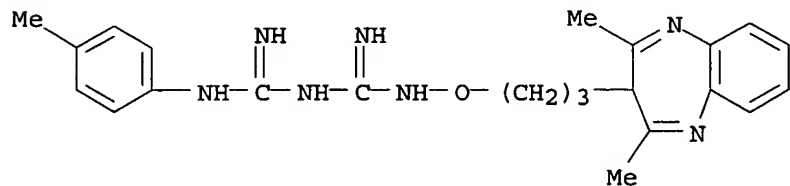
MF C24 H25 Br N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

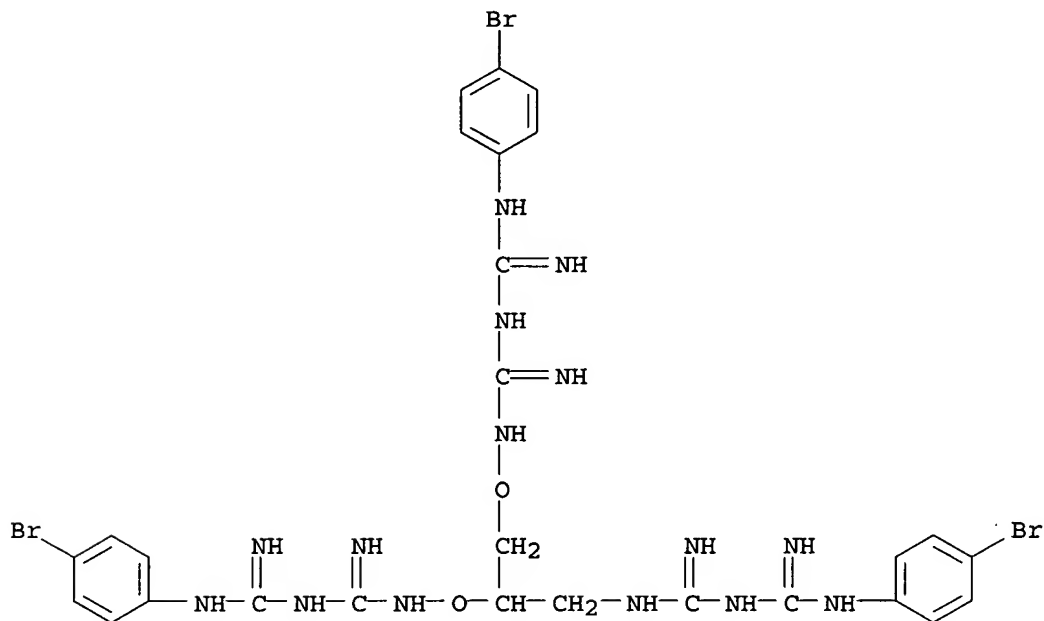
L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Imidodicarbonimidic diamide, N-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]-N'-(4-methylphenyl)- (9CI)
 MF C23 H29 N7 O



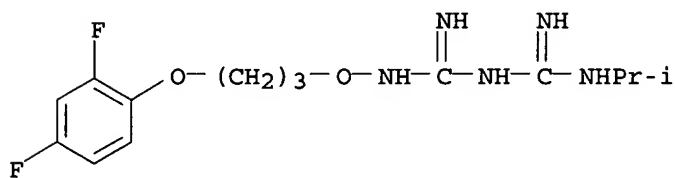
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/716,283

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, N,N''-bis(4-bromophenyl)-6-
[[[[[(4-bromophenyl) amino] iminomethyl] amino] iminomethyl] amino] methyl]-
3,10-diimino- (9CI)
MF C27 H32 Br3 N15 O2



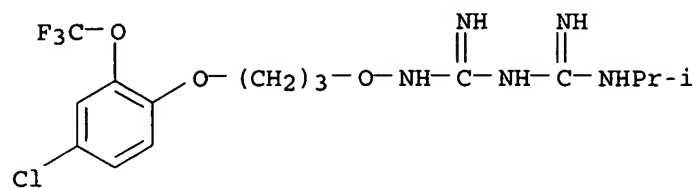
L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-[3-(2,4-difluorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI)
MF C14 H21 F2 N5 O2



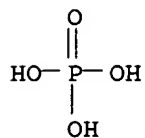
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-[3-[4-chloro-2-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)-, phosphate (1:1) (9CI)
MF C15 H21 Cl F3 N5 O3 . H3 O4 P
CM 1

10/716,283

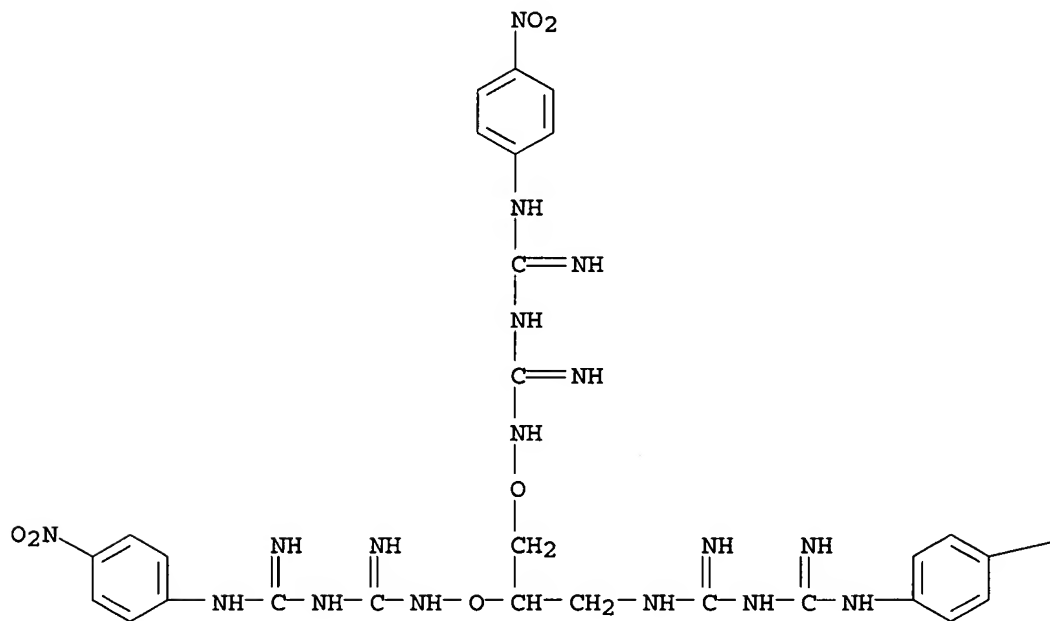


CM 2



L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimide, 3,10-diimino-6-
[[[imino[[imino[(4-nitrophenyl)amino]methyl]amino]methyl]amino]methyl]-
N,N''-bis(4-nitrophenyl)- (9CI)
MF C27 H32 N18 O8

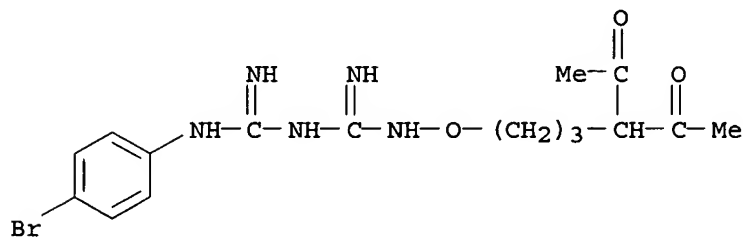
PAGE 1-A



—NO₂

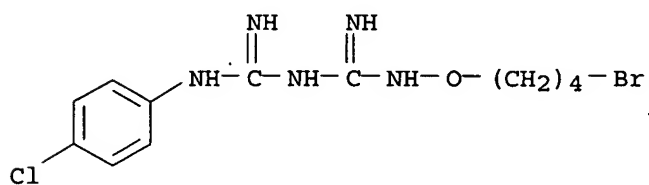
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-bromophenyl)- (9CI)
MF C16 H22 Br N5 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

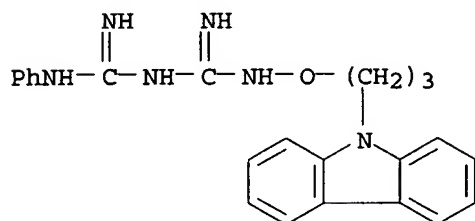
L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-(4-bromobutoxy)-N'-(4-chlorophenyl)- (9CI)
MF C12 H17 Br Cl N5 O



10/716,283

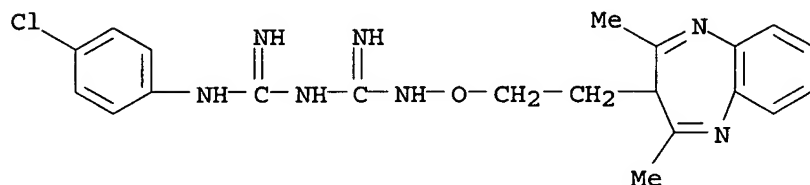
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-[3-(9H-carbazol-9-yl)propoxy]-N'-phenyl-
(9CI)
MF C23 H24 N6 O



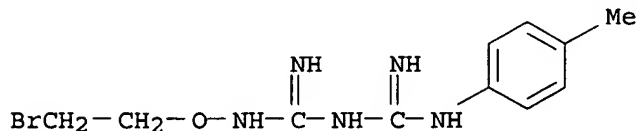
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-(4-chlorophenyl)-N'-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy] - (9CI)
MF C21 H24 Cl N7 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 11 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Imidodicarbonimidic diamide, N-(2-bromoethoxy)-N'-(4-methylphenyl) - (9CI)
MF C11 H16 Br N5 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

10/716,283

=> s l1 sss ful
FULL SEARCH INITIATED 18:06:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 233 TO ITERATE

100.0% PROCESSED 233 ITERATIONS 165 ANSWERS
SEARCH TIME: 00.00.01

L3 165 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.76 161.97

FILE 'CAPLUS' ENTERED AT 18:07:06 ON 11 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 11 Nov 2005 VOL 143 ISS 21
FILE LAST UPDATED: 10 Nov 2005 (20051110/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3
L4 42 L3

=> d l4 1-42 bib hitstr

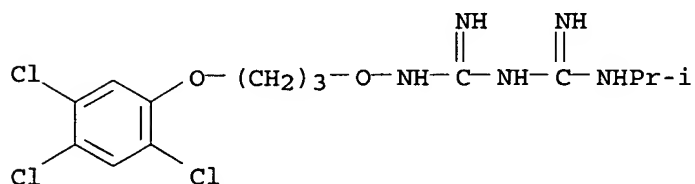
L4 ANSWER 1 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:485667 CAPLUS
DN 143:165983
TI Ligand-Based Virtual Screening and in Silico Design of New Antimalarial Compounds Using Nonstochastic and Stochastic Total and Atom-Type Quadratic Maps
AU Marrero-Ponce, Yovani; Iyarreta-Veitia, Maite; Montero-Torres, Alina; Romero-Zaldivar, Carlos; Brandt, Carlos A.; Avila, Priscilla E.; Kirchgatter, Karin; Machado, Yanetsy
CS Department of Pharmacy, Faculty of Chemical Pharmacy and Department of Drug Design, Chemical Bioactive Center, Central University of Las Villas, Santa Clara, Villa Clara, 54830, Cuba
SO Journal of Chemical Information and Modeling (2005), 45(4), 1082-1100
CODEN: JCISD8; ISSN: 1549-9596
PB American Chemical Society
DT Journal
LA English
IT 150374-62-2, PS-15
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic

10/716,283

use); BIOL (Biological study); USES (Uses)
(ligand-based virtual screening and design of antimalarial compds.)

RN 150374-62-2 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 111 THERE ARE 111 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:245249 CAPLUS

DN 142:385046

TI In Vitro Metabolism of Phenoxypropoxybiguanide Analogues in Human Liver
Microsomes to Potent Antimalarial Dihydrotriazines

AU Shearer, Todd. W.; Kozar, Michael. P.; O'Neil, Michael T.; Smith, Philip
L.; Schiehser, Guy A.; Jacobus, David. P.; Diaz, Damaris S.; Yang,
Young-Sun; Milhous, Wilbur. K.; Skillman, Donald. R.

CS Walter Reed Army Institute of Research, Silver Spring, MD, 20910, USA

SO Journal of Medicinal Chemistry (2005), 48(8), 2805-2813

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

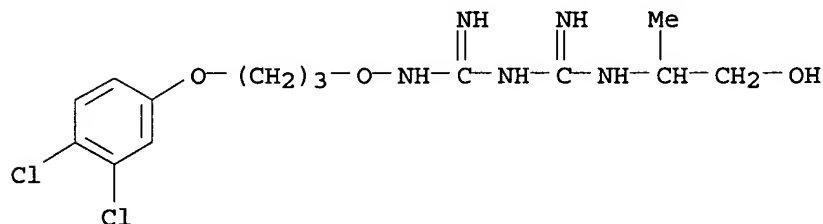
LA English

IT 849926-91-6

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);
THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(in vitro metabolism of phenoxypropoxybiguanide analogs in human liver
microsomes to potent antimalarial dihydrotriazines)

RN 849926-91-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(2-hydroxy-1-methylethyl)- (9CI) (CA INDEX NAME)



IT 152662-90-3 381247-45-6 701976-18-3

701976-20-7 701976-24-1 849926-84-7

849926-85-8 849926-86-9

RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU
(Therapeutic use); BIOL (Biological study); USES (Uses)

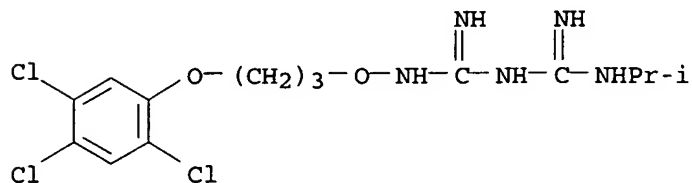
(in vitro metabolism of phenoxypropoxybiguanide analogs in human liver

10/716,283

microsomes to potent antimalarial dihydrotriazines)

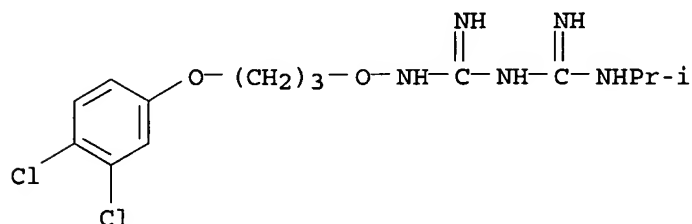
RN 152662-90-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy] - (9CI) (CA INDEX NAME)



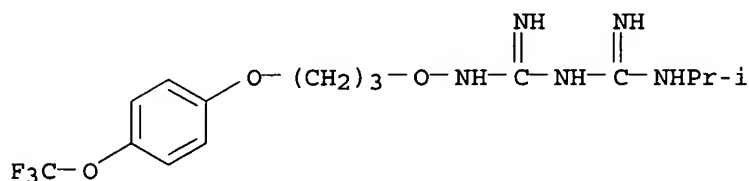
RN 381247-45-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



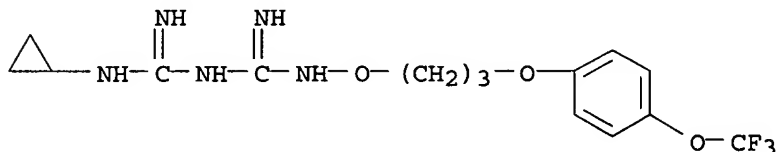
RN 701976-18-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4-(trifluoromethoxy)phenoxy]propoxy] - (9CI) (CA INDEX NAME)



RN 701976-20-7 CAPLUS

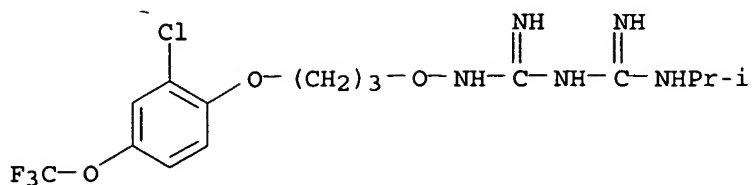
CN Imidodicarbonimidic diamide, N-cyclopropyl-N'-[3-[4-(trifluoromethoxy)phenoxy]propoxy] - (9CI) (CA INDEX NAME)



RN 701976-24-1 CAPLUS

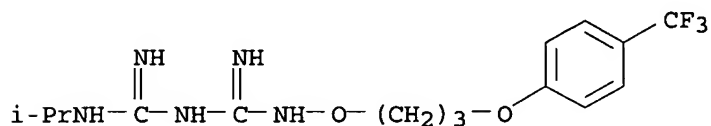
CN Imidodicarbonimidic diamide, N-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

10/716,283



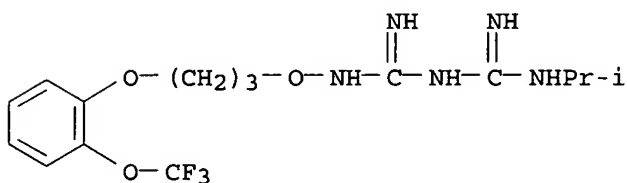
RN 849926-84-7 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4-(trifluoromethyl)phenoxy]propoxy]-(9CI) (CA INDEX NAME)



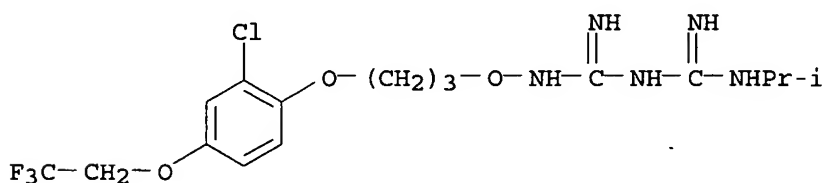
RN 849926-85-8 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[2-(trifluoromethoxy)phenoxy]propoxy]-(9CI) (CA INDEX NAME)



RN 849926-86-9 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-N'-(1-methylethyl)-(9CI) (CA INDEX NAME)



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:566933 CAPLUS

DN 141:270985

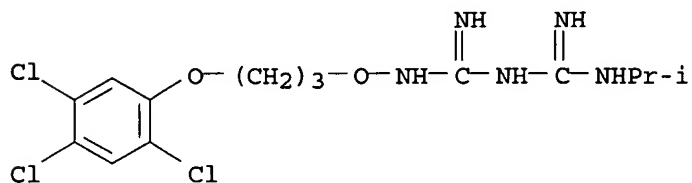
TI Three-Dimensional Quantitative Structure-Activity Relationship Analysis of a Set of Plasmodium falciparum Dihydrofolate Reductase Inhibitors Using a Pharmacophore Generation Approach

AU Parenti, Marco Daniele; Pacchioni, Sara; Ferrari, Anna Maria; Rastelli, Giulio

CS Dipartimento di Scienze Farmaceutiche, Universita di Modena e Reggio Emilia, Modena, 41100, Italy

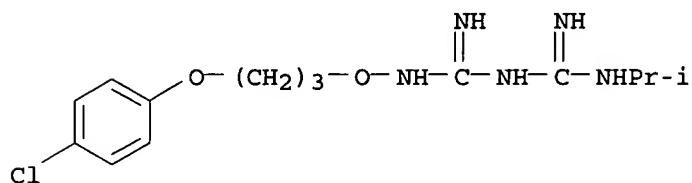
10/716,283

SO Journal of Medicinal Chemistry (2004), 47(17), 4258-4267
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 152662-91-4 756887-29-3 756887-43-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(QSAR of Plasmodium falciparum dihydrofolate reductase inhibitors using
pharmacophore generation approach)
RN 152662-91-4 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



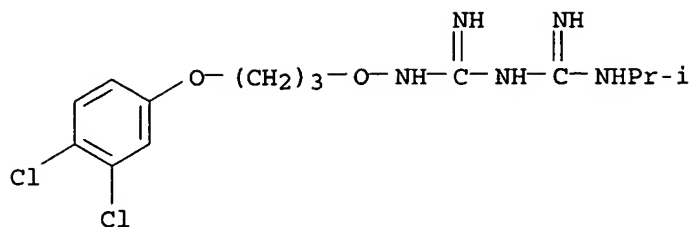
● HCl

RN 756887-29-3 CAPLUS
CN Imidodicarbonimidic diamide, N-[3-(4-chlorophenoxy)propoxy]-N'-(1-
methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 756887-43-1 CAPLUS
CN Imidodicarbonimidic diamide, N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(1-
methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

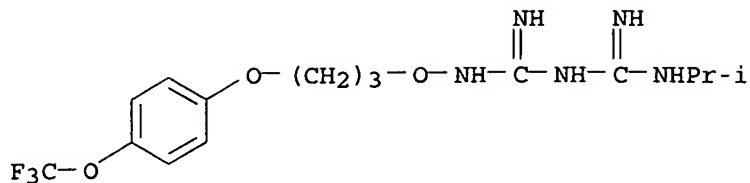
L4 ANSWER 4 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:467851 CAPLUS
DN 141:38634
TI Preparation of biguanide and dihydrotriazine derivatives for use in
pharmaceutical compositions as antimicrobial agents
IN Jacobus, David P.; Schiehser, Guy Alan; Shieh, Hong-Ming; Jensen, Norman
P.; Terpinski, Jacek
PA Jacobus Pharmaceutical Company, Inc., USA
SO PCT Int. Appl., 83 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004048320	A1	20040610	WO 2003-US37511	20031120
	WO 2004048320	B1	20040819		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				
	PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,				
	TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				
	BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,				
	ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,				
	TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004116428	A1	20040617	US 2003-716283	20031118
	CA 2511505	AA	20040610	CA 2003-2511505	20031120
	EP 1565430	A1	20050824	EP 2003-789976	20031120
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2002-428306P	P	20021122		
	US 2003-716283	A	20031118		
	WO 2003-US37511	W	20031120		
OS	MARPAT 141:38634				
IT	701976-18-3P				
	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of biguanide and dihydrotriazine derivs. for use in pharmaceutical compns. as antimicrobial agents)				
RN	701976-18-3 CAPLUS				
CN	Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4- (trifluoromethoxy)phenoxy]propoxy]- (9CI) (CA INDEX NAME)				

10/716,283



IT 701976-19-4P 701976-20-7P 701976-21-8P
701976-24-1P 701976-25-2P 701976-26-3P
701976-27-4P 701976-28-5P 701976-29-6P
701976-30-9P 701976-31-0P 701976-32-1P
701976-33-2P 701976-34-3P 701976-35-4P
701976-36-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biguanide and dihydrotriazine derivs. for use in pharmaceutical compns. as antimicrobial agents)

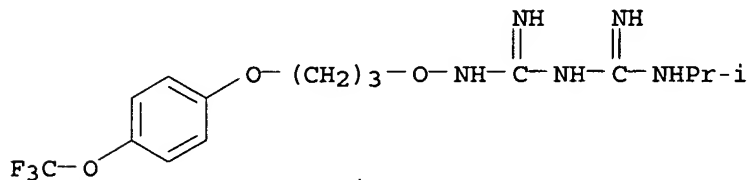
RN 701976-19-4 CAPLUS

CN Butanedioic acid, compd. with N-(1-methylethyl)-N'-[3-[4-(trifluoromethoxy)phenoxy]propoxy]imidodicarbonimidic diamide (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 701976-18-3

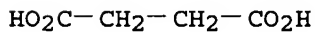
CMF C15 H22 F3 N5 O3



CM 2

CRN 110-15-6

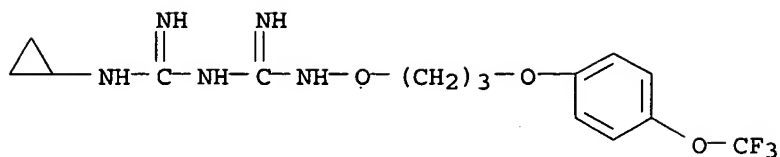
CMF C4 H6 O4



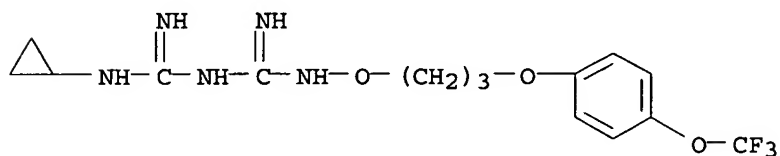
RN 701976-20-7 CAPLUS

CN Imidodicarbonimidic diamide, N-cyclopropyl-N'-[3-[4-(trifluoromethoxy)phenoxy]propoxy] - (9CI) (CA INDEX NAME)

10/716,283

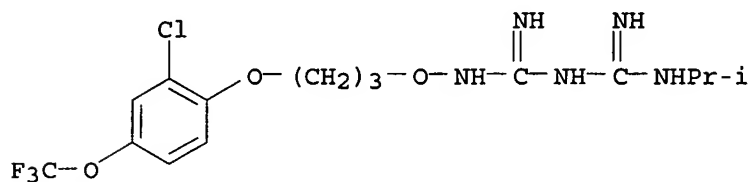


RN 701976-21-8 CAPLUS
CN Imidodicarbonimidic diamide, N-cyclopropyl-N'-[3-[4-(trifluoromethoxy)phenoxy]propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

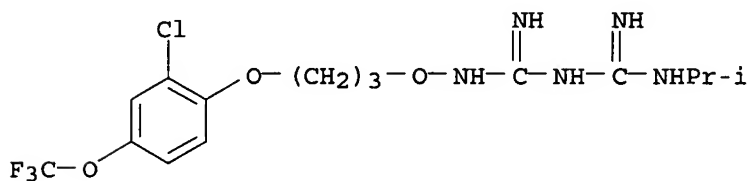
RN 701976-24-1 CAPLUS
CN Imidodicarbonimidic diamide, N-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 701976-25-2 CAPLUS
CN Imidodicarbonimidic diamide, N-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)-, phosphate (9CI) (CA INDEX NAME)

CM 1

CRN 701976-24-1
CMF C15 H21 Cl F3 N5 O3

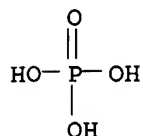


10/716,283

CM 2

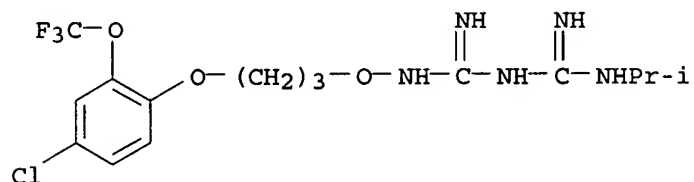
CRN 7664-38-2

CMF H3 O4 P



RN 701976-26-3 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[4-chloro-2-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



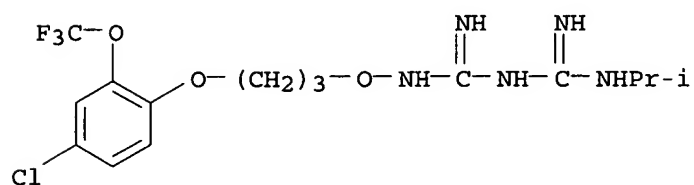
RN 701976-27-4 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[4-chloro-2-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)-, phosphate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 701976-26-3

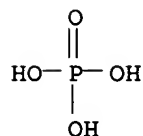
CMF C15 H21 Cl F3 N5 O3



CM 2

CRN 7664-38-2

CMF H3 O4 P



RN 701976-28-5 CAPLUS

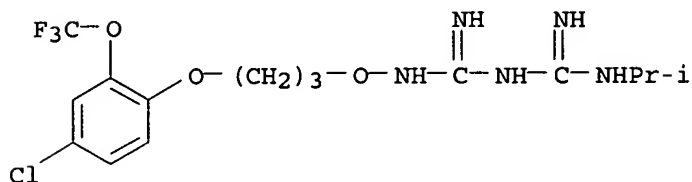
10/716,283

CN Imidodicarbonimidic diamide, N-[3-[4-chloro-2-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)-, phosphate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 701976-26-3

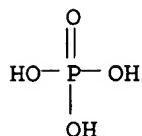
CMF C15 H21 Cl F3 N5 O3



CM 2

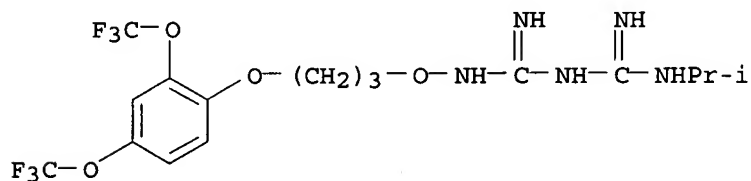
CRN 7664-38-2

CMF H3 O4 P



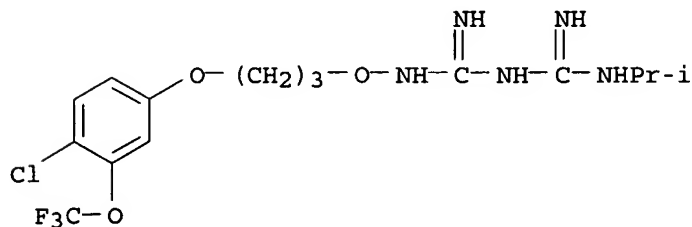
RN 701976-29-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[2,4-bis(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 701976-30-9 CAPLUS

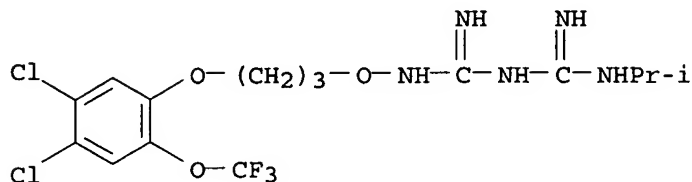
CN Imidodicarbonimidic diamide, N-[3-[4-chloro-3-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



10/716,283

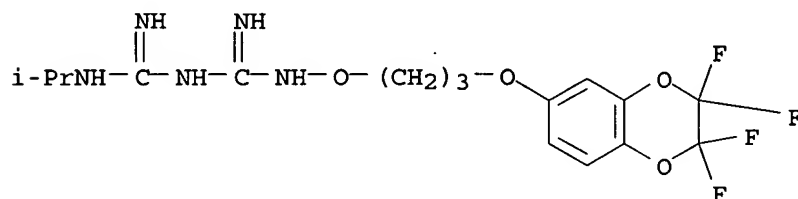
RN 701976-31-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[4,5-dichloro-2-(trifluoromethoxy)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



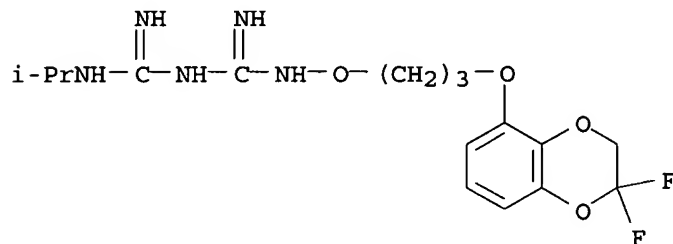
RN 701976-32-1 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)oxy]propoxy]- (9CI) (CA INDEX NAME)



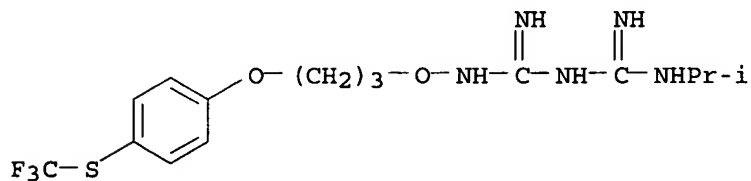
RN 701976-33-2 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[(2,2-difluoro-2,3-dihydro-1,4-benzodioxin-5-yl)oxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



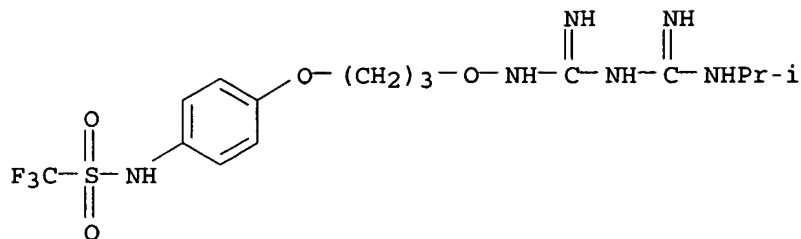
RN 701976-34-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4-[(trifluoromethyl)thio]phenoxy]propoxy]- (9CI) (CA INDEX NAME)



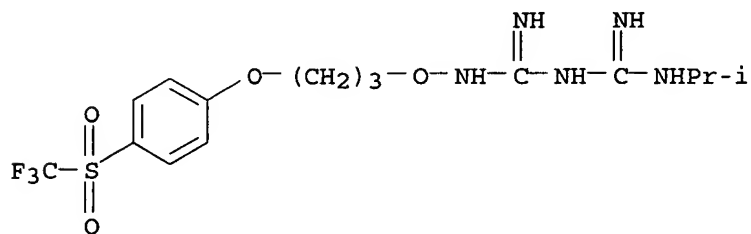
RN 701976-35-4 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4-[(trifluoromethyl)sulfonyl]amino]phenoxy]propoxy]- (9CI) (CA INDEX NAME)



RN 701976-36-5 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[4-[(trifluoromethyl)sulfonyl]phenoxy]propoxy]- (9CI) (CA INDEX NAME)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:232723 CAPLUS

DN 141:350128

TI Synthesis of some 1,4-piperazinediylbis(alkyleneoxy)bis[N5-arylbiguanides]

AU Sharma, Ranjana; Jain, Shilpi; Talesara, G. L.

CS University Department of Chemistry, M.L. Sukhadia University, Udaipur, 313001, India

SO International Journal of Chemical Sciences (2003), 1(4), 322-326

CODEN: IJCSIL; ISSN: 0972-768X

PB Sadguru Publications

DT Journal

LA English

IT 775321-41-0P 775321-42-1P 775321-43-2P

775321-44-3P 775321-45-4P 775321-46-5P

775321-47-6P 775321-48-7P 775321-50-1P

775321-52-3P 775321-54-5P 775321-56-7P

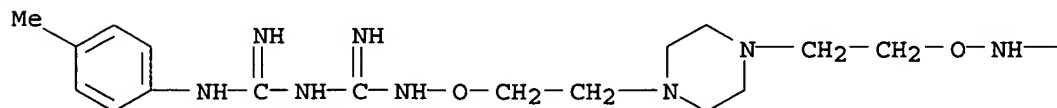
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of 1,4-piperazinediylbis(alkyleneoxy)bis[N5-arylbiguanides] in 3 steps from piperazine and N-(bromoalkoxy)phthalimides)

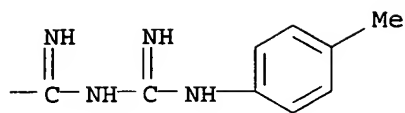
RN 775321-41-0 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(2,1-ethanediyloxy)]bis[N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



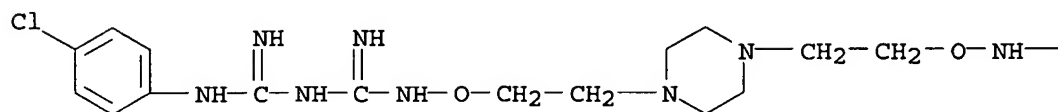
PAGE 1-B



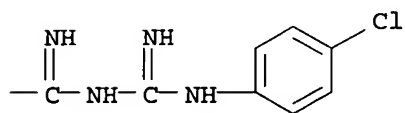
RN 775321-42-1 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(2,1-ethanediylxy)]bis[N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



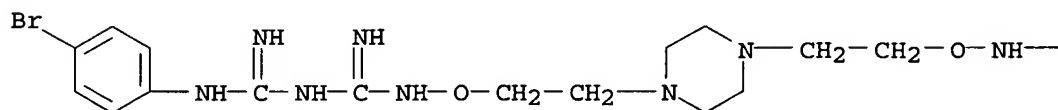
PAGE 1-B



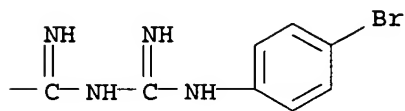
RN 775321-43-2 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(2,1-ethanediylxy)]bis[N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



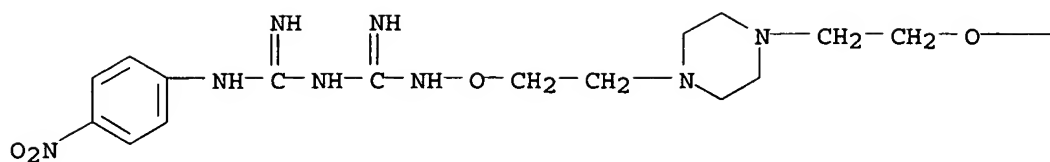
PAGE 1-B



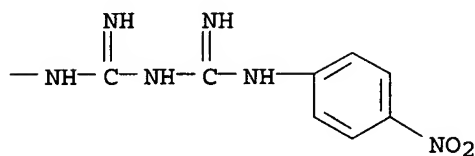
RN 775321-44-3 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(2,1-ethanediylxy)]bis[N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



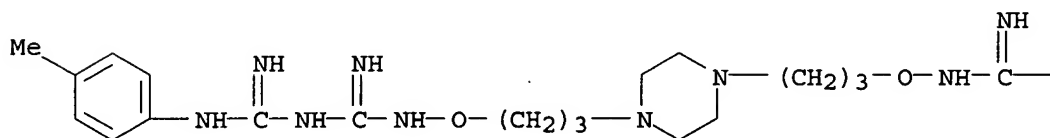
PAGE 1-B



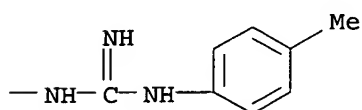
RN 775321-45-4 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(3,1-propanediyoxy)]bis[N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



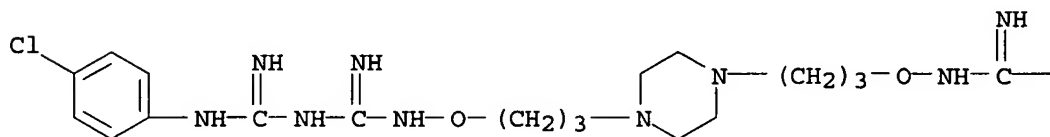
PAGE 1-B



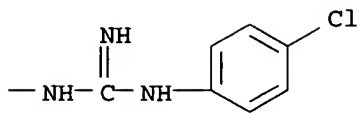
RN 775321-46-5 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(3,1-propanediyoxy)]bis[N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



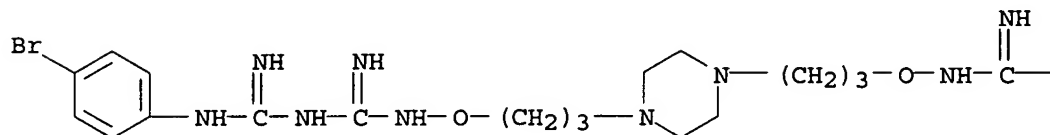
PAGE 1-B



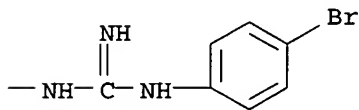
RN 775321-47-6 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(3,1-propanediylloxy)]bis[N'-(4-bromophenyl)-(9CI) (CA INDEX NAME)

PAGE 1-A



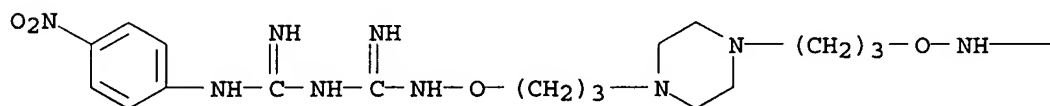
PAGE 1-B



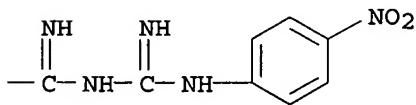
RN 775321-48-7 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(3,1-propanediylloxy)]bis[N'-(4-nitrophenyl)-(9CI) (CA INDEX NAME)

PAGE 1-A



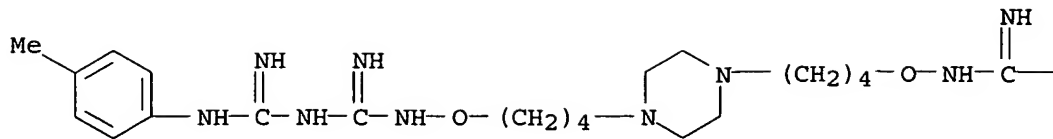
PAGE 1-B



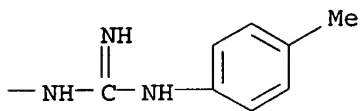
RN 775321-50-1 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(4,1-butanediylloxy)]bis[N'-(4-methylphenyl)-(9CI) (CA INDEX NAME)

PAGE 1-A



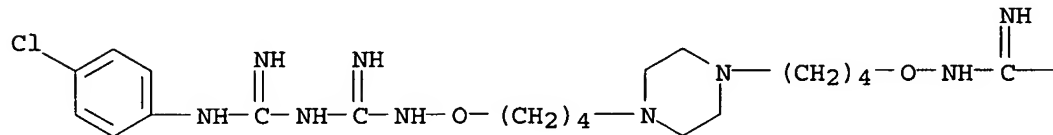
PAGE 1-B



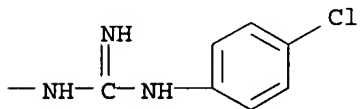
RN 775321-52-3 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(4,1-butanediyl)]bis[N'-(4-chlorophenyl)- (9CI)] (CA INDEX NAME)

PAGE 1-A



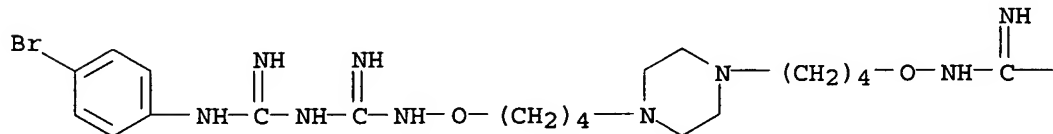
PAGE 1-B



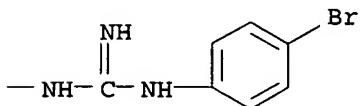
RN 775321-54-5 CAPLUS

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(4,1-butanediyl)]bis[N'-(4-bromophenyl)- (9CI)] (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

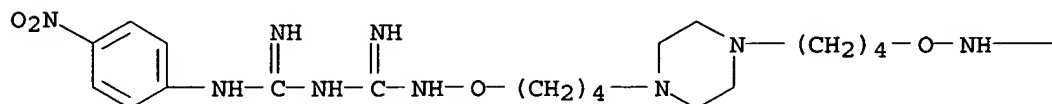


RN 775321-56-7 CAPLUS

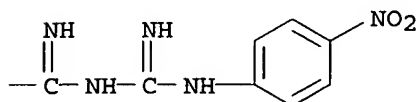
10/716,283

CN Imidodicarbonimidic diamide, N,N''''-[1,4-piperazinediylbis(4,1-butanediylloxy)]bis[N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:202681 CAPLUS
DN 138:236926
TI A method for the treatment or prevention of bone erosion
IN Ogawa, Yukie; Fukuda, Chie; Ohtsuki, Masahiko
PA Sankyo Company, Limited, Japan
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2

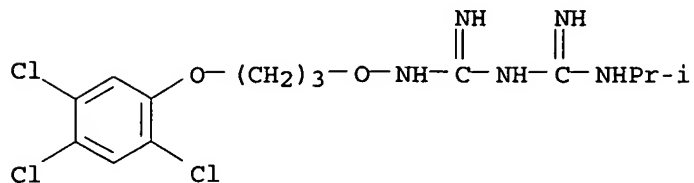
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003020768	A1	20030313	WO 2002-JP8630	20020827
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	JP 2003146903	A2	20030521	JP 2002-244432	20020826
	CA 2458993	AA	20030313	CA 2002-2458993	20020827
	EP 1421118	A1	20040526	EP 2002-762875	20020827
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRAI	JP 2001-257436	A	20010828		
	WO 2002-JP8630	W	20020827		
IT	150374-62-2, Ps15				
	RL:	PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
		(anti-Fas monoclonal antibodies and anti-inflammatory agents in the treatment and prevention of bone erosion from osteoclasts)			
RN	150374-62-2 CAPLUS				
CN	Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-				

10/716,283

trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:155099 CAPLUS
DN 138:187525
TI Preparation of 1-chlorophenyl-5-isopropylbiguanides as antimalarials.
IN Jacobus, David P.; Jensen, Norman P.
PA USA
SO U.S. Pat. Appl. Publ., 8 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

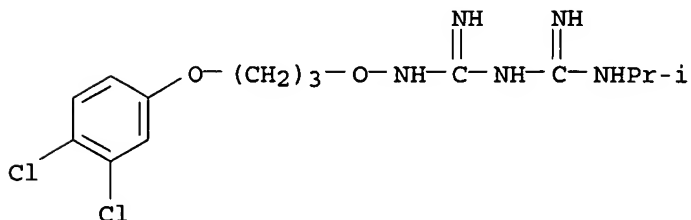
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003040544	A1	20030227	US 2001-805635	20010314
	US 6551614	B2	20030422		
	US 2003144361	A1	20030731	US 2003-354398	20030130
	US 6693217	B2	20040217		
PRAI	US 2001-805635	A3	20010314		

IT 499110-04-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(PS-26; preparation of 1-chlorophenyl-5-isopropylbiguanides as
antimalarials)
RN 499110-04-2 CAPLUS
CN Butanedioic acid, compd. with N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(1-
methylethyl)imidodicarbonimidic diamide (1:2), (9CI) (CA INDEX NAME)

CM 1

CRN 381247-45-6

CMF C14 H21 Cl2 N5 O2



10/716,283

CM 2

CRN 110-15-6

CMF C4 H6 O4

HO₂C—CH₂—CH₂—CO₂H

IT 499110-06-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PS-33; preparation of 1-chlorophenyl-5-isopropylbiguanides as antimalarials)

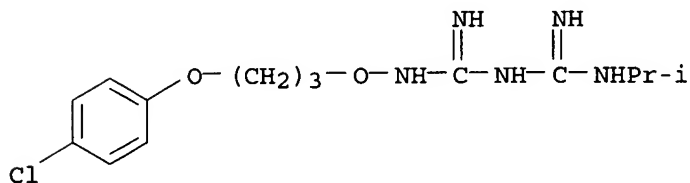
RN 499110-06-4 CAPLUS

CN Butanedioic acid, compd. with N-[3-(4-chlorophenoxy)propoxy]-N'-(1-methylethyl)imidodicarbonimidic diamide (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 381247-34-3

CMF C14 H22 Cl N5 O2



CM 2

CRN 110-15-6

CMF C4 H6 O4

HO₂C—CH₂—CH₂—CO₂H

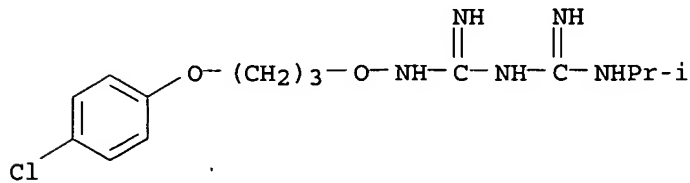
IT 381247-34-3P 381247-45-6P 499110-05-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1-chlorophenyl-5-isopropylbiguanides as antimalarials)

RN 381247-34-3 CAPLUS

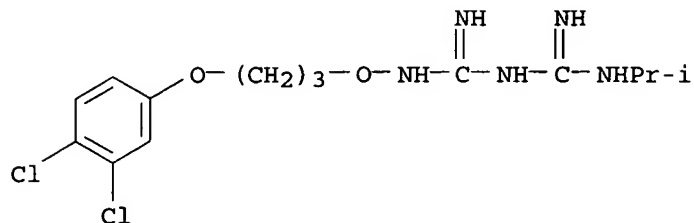
CN Imidodicarbonimidic diamide, N-[3-(4-chlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



10/716,283

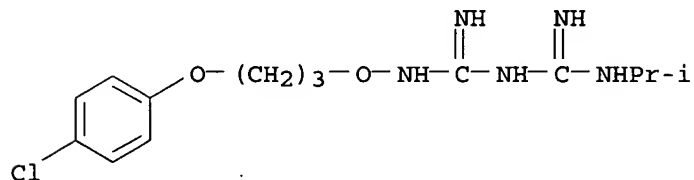
RN 381247-45-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 499110-05-3 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(4-chlorophenoxy)propoxy]-N'-(1-methylethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

L4 ANSWER 8 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:90586 CAPLUS

DN 138:385408

TI Synthesis of 3-alkoxy-(substituted aryl) biguanidino-4-methyl-2,3-dihydro-(1H)-1,5-benzodiazepin-2-ones and related compounds

AU Baregama, Lalit Kumar; Singh, Bhawani; Talesara, G. L.

CS University Department of Chemistry, M. L. Sukhadia University, Udaipur, 313 001, India

SO Heterocyclic Communications (2002), 8(6), 607-612

CODEN: HCOMEX; ISSN: 0793-0283

PB Freund Publishing House Ltd.

DT Journal

LA English

OS CASREACT 138:385408

IT 522629-86-3P 522629-87-4P 522629-88-5P

522629-89-6P 522629-90-9P 522629-91-0P

522629-92-1P 522629-93-2P 522629-94-3P

522629-95-4P 522629-96-5P 522629-97-6P

522629-98-7P 522629-99-8P 522630-00-8P

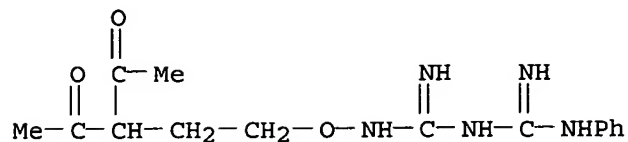
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of biguanidino-substituted 1,5-benzodiazepin-2-ones and related compds.)

RN 522629-86-3 CAPLUS

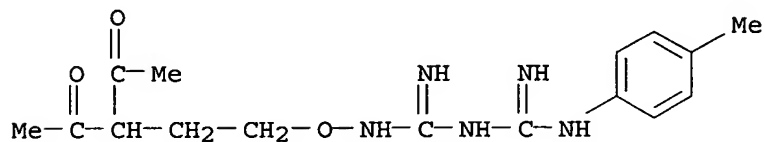
CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-phenyl- (9CI) (CA INDEX NAME)

10/716,283



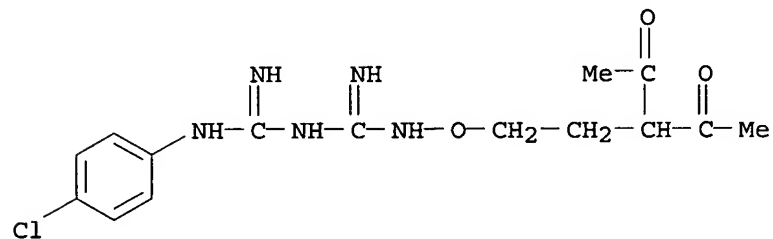
RN 522629-87-4 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



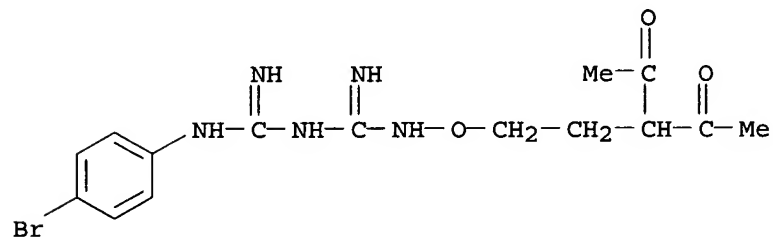
RN 522629-88-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 522629-89-6 CAPLUS

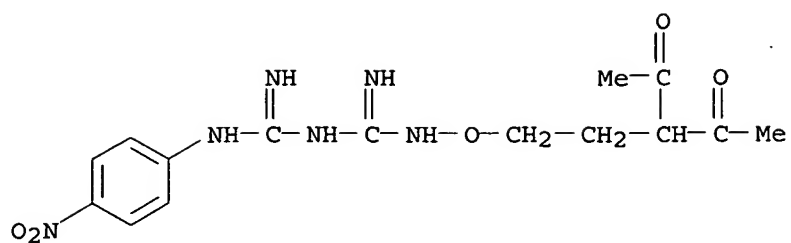
CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)



RN 522629-90-9 CAPLUS

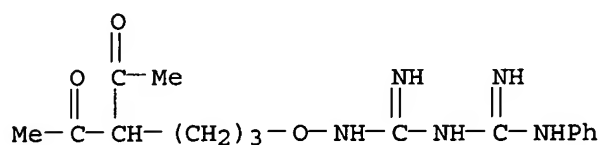
CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

10/716,283



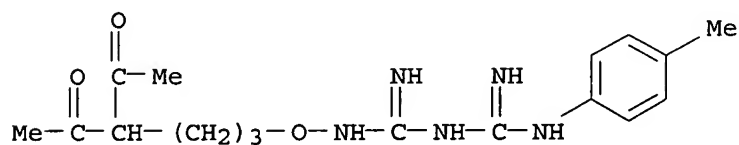
RN 522629-91-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-phenyl- (9CI)
(CA INDEX NAME)



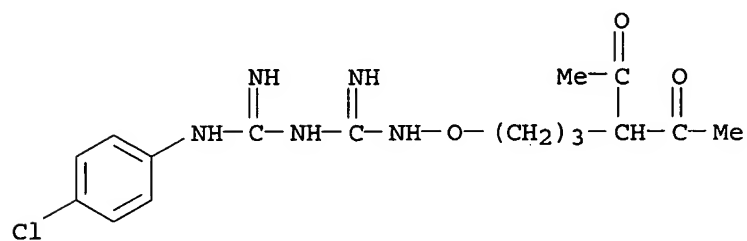
RN 522629-92-1 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 522629-93-2 CAPLUS

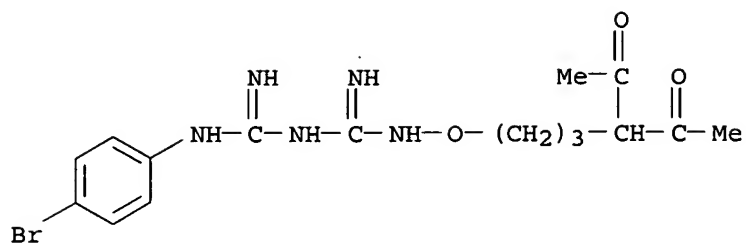
CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 522629-94-3 CAPLUS

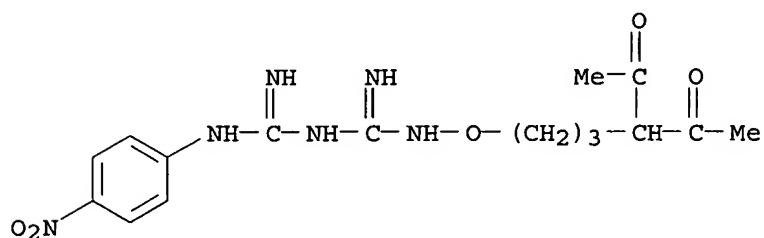
CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)

10/716,283



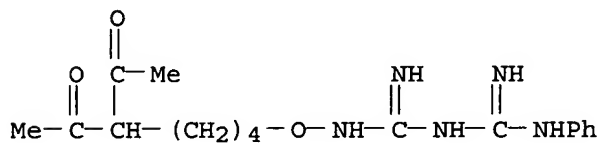
RN 522629-95-4 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



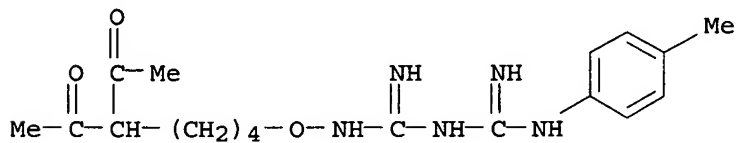
RN 522629-96-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-phenyl- (9CI) (CA INDEX NAME)



RN 522629-97-6 CAPLUS

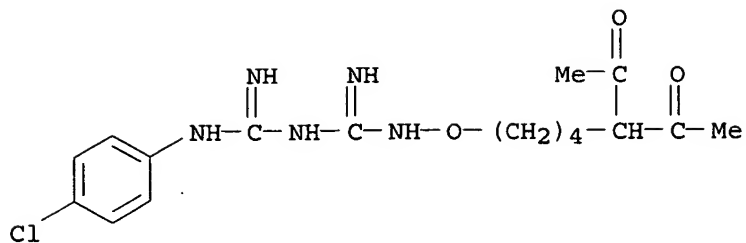
CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 522629-98-7 CAPLUS

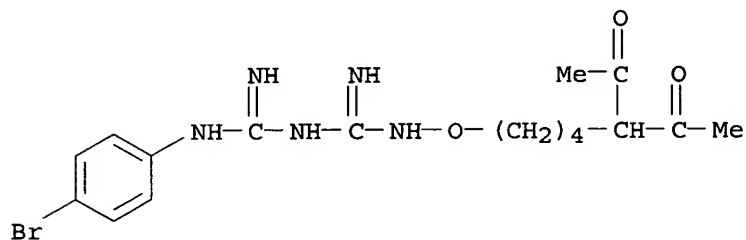
CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

10/716,283



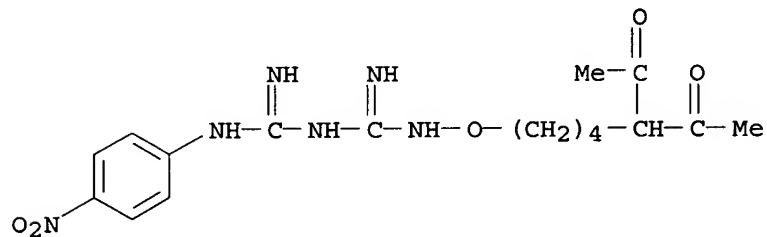
RN 522629-99-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)



RN 522630-00-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



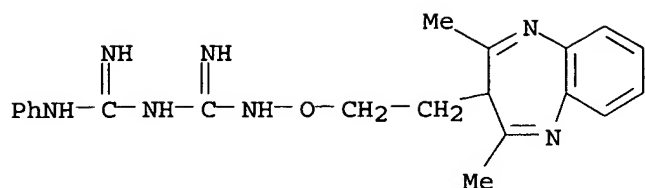
IT 525595-98-6P 525595-99-7P 525596-00-3P
525596-01-4P 525596-02-5P 525596-03-6P
525596-04-7P 525596-05-8P 525596-06-9P
525596-07-0P 525596-08-1P 525596-09-2P
525596-10-5P 525596-11-6P 525596-12-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of biguanidino-substituted 1,5-benzodiazepin-2-ones and related
comps.)

RN 525595-98-6 CAPLUS

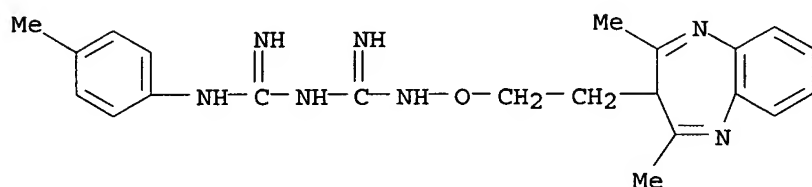
CN Imidodicarbonimidic diamide, N-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy]-N'-phenyl- (9CI) (CA INDEX NAME)

10/716,283



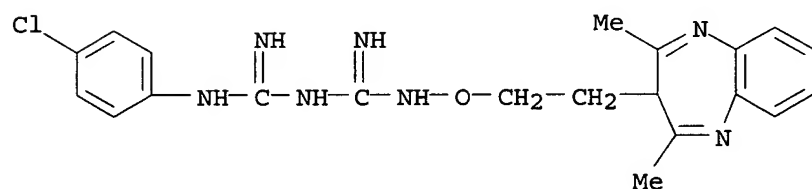
RN 525595-99-7 CAPLUS

CN Imidodicarbonimidic diamide, N-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



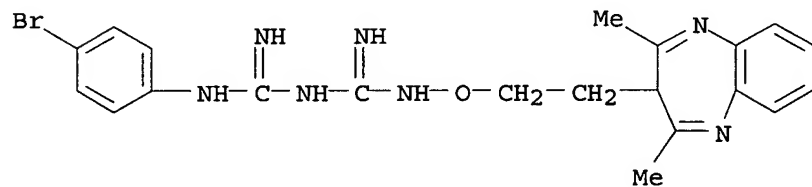
RN 525596-00-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(4-chlorophenyl)-N'-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy]- (9CI) (CA INDEX NAME)



RN 525596-01-4 CAPLUS

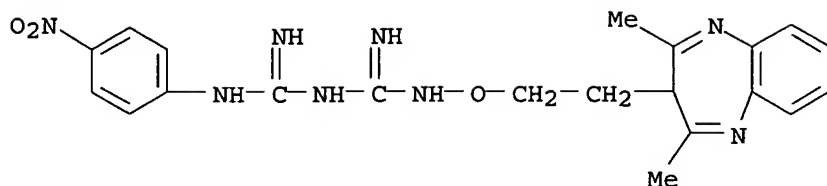
CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy]- (9CI) (CA INDEX NAME)



RN 525596-02-5 CAPLUS

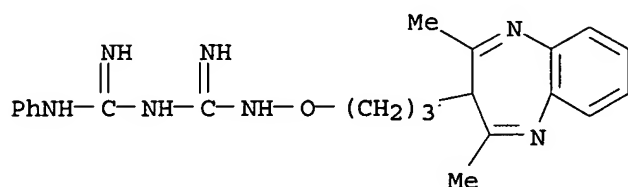
CN Imidodicarbonimidic diamide, N-[2-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)ethoxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

10/716,283



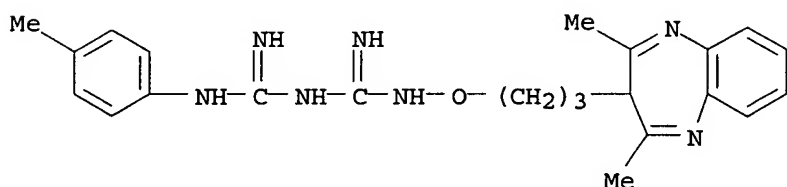
RN 525596-03-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]-N'-phenyl- (9CI) (CA INDEX NAME)



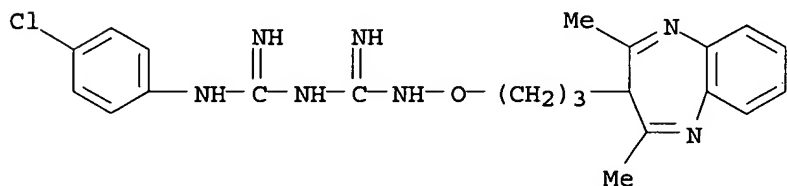
RN 525596-04-7 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 525596-05-8 CAPLUS

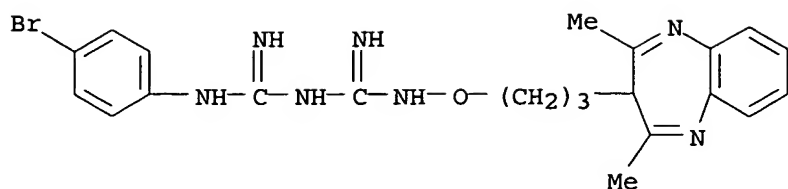
CN Imidodicarbonimidic diamide, N-(4-chlorophenyl)-N'-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]- (9CI) (CA INDEX NAME)



RN 525596-06-9 CAPLUS

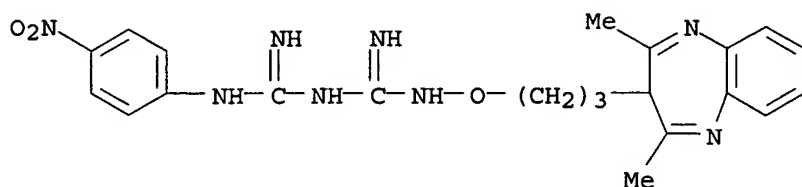
CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]- (9CI) (CA INDEX NAME)

10/716,283



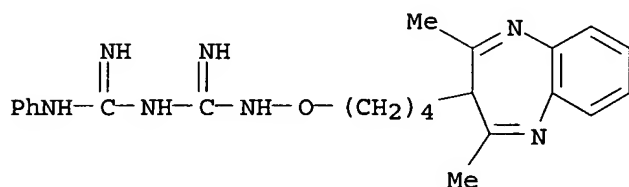
RN 525596-07-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)propoxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



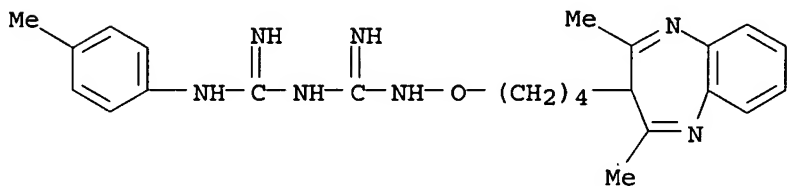
RN 525596-08-1 CAPLUS

CN Imidodicarbonimidic diamide, N-[4-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)butoxy]-N'-phenyl- (9CI) (CA INDEX NAME)



RN 525596-09-2 CAPLUS

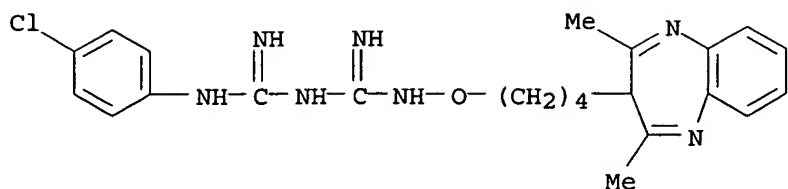
CN Imidodicarbonimidic diamide, N-[4-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)butoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 525596-10-5 CAPLUS

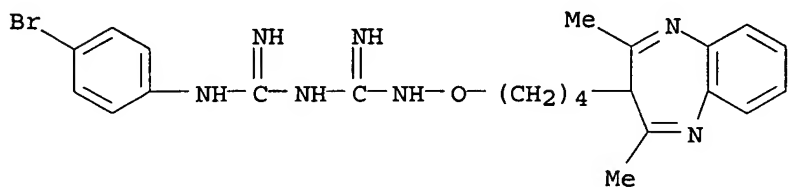
CN Imidodicarbonimidic diamide, N-(4-chlorophenyl)-N'-[4-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)butoxy]- (9CI) (CA INDEX NAME)

10/716,283



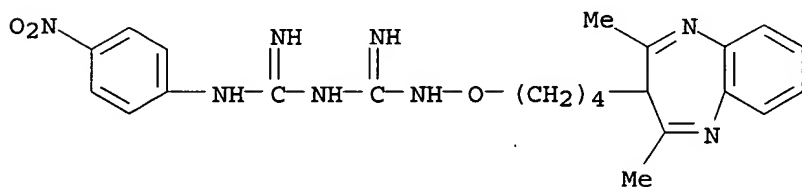
RN 525596-11-6 CAPLUS

CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[4-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)butoxy]-(9CI) (CA INDEX NAME)



RN 525596-12-7 CAPLUS

CN Imidodicarbonimidic diamide, N-[4-(2,4-dimethyl-3H-1,5-benzodiazepin-3-yl)butoxy]-N'-(4-nitrophenyl)-(9CI) (CA INDEX NAME)



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:880990 CAPLUS

DN 138:368517

TI Synthesis and antimicrobial studies of 3-alkoxy-5-(p-substituted aryl) biguanidinopentan-2,4-diones and related compounds

AU Baregama, Lalit Kumar; Talesara, G. L.

CS University Department of Chemistry, M. L. Sukhadia University, Udaipur, 313 001, India

SO Research Journal of Chemistry and Environment (2002), 6(2), 59-62

CODEN: RJCEF7; ISSN: 0972-0626

PB Research Journal of Chemistry and Environment

DT Journal

LA English

OS CASREACT 138:368517

IT 522629-86-3P 522629-87-4P 522629-88-5P

522629-89-6P 522629-90-9P 522629-91-0P

522629-92-1P 522629-93-2P 522629-94-3P

522629-95-4P 522629-96-5P 522629-97-6P

522629-98-7P 522629-99-8P 522630-00-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

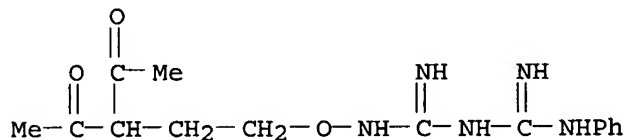
(synthesis and antimicrobial studies of 3-alkoxy-5-(p-substituted aryl)

10/716,283

biguanidinopentan-2,4-diones and related compds.)

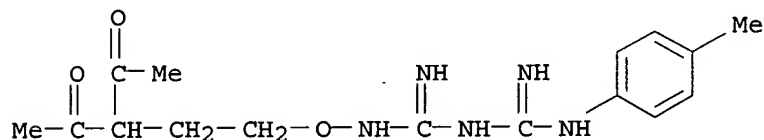
RN 522629-86-3 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-phenyl-
(9CI) (CA INDEX NAME)



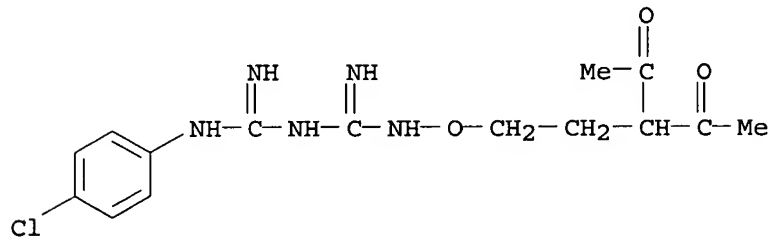
RN 522629-87-4 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



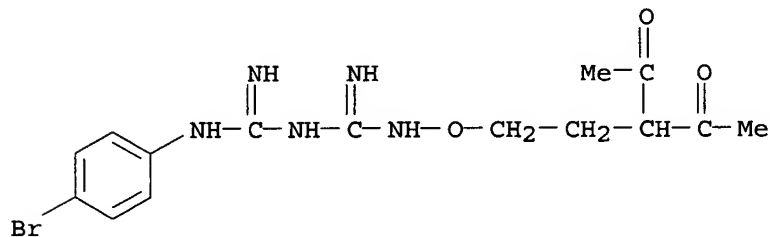
RN 522629-88-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 522629-89-6 CAPLUS

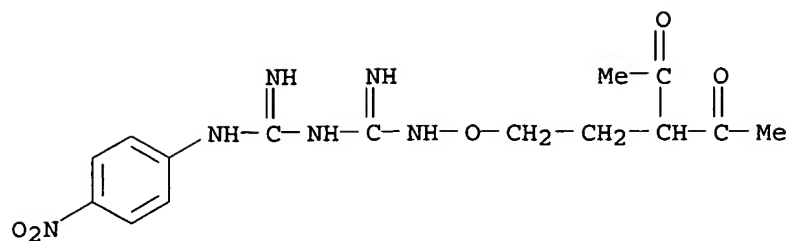
CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)



RN 522629-90-9 CAPLUS

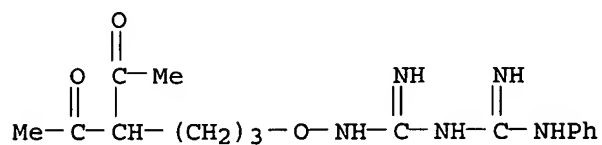
CN Imidodicarbonimidic diamide, N-[(3-acetyl-4-oxopentyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

10/716,283



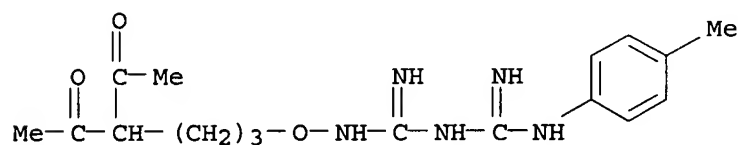
RN 522629-91-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-phenyl- (9CI)
(CA INDEX NAME)



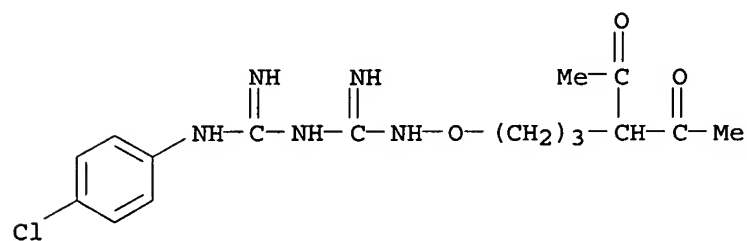
RN 522629-92-1 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 522629-93-2 CAPLUS

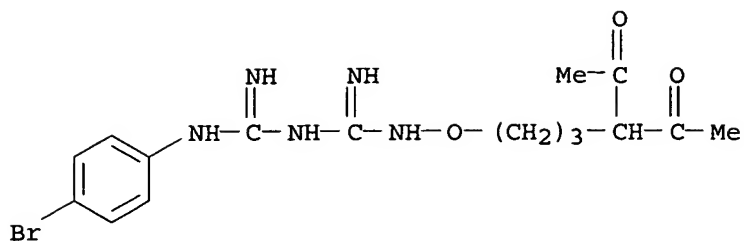
CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 522629-94-3 CAPLUS

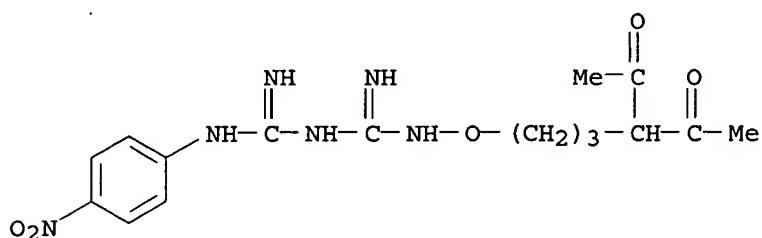
CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)

10/716,283



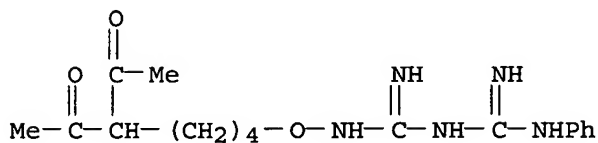
RN 522629-95-4 CAPLUS

CN Imidodicarbonimidic diamide, N-[(4-acetyl-5-oxohexyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



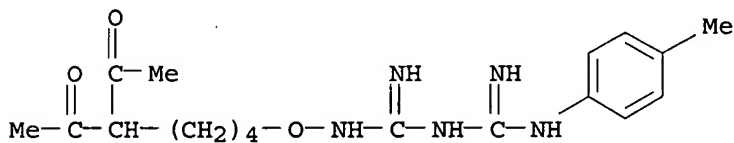
RN 522629-96-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-phenyl- (9CI) (CA INDEX NAME)



RN 522629-97-6 CAPLUS

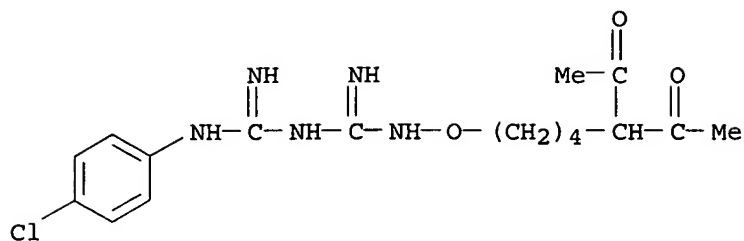
CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 522629-98-7 CAPLUS

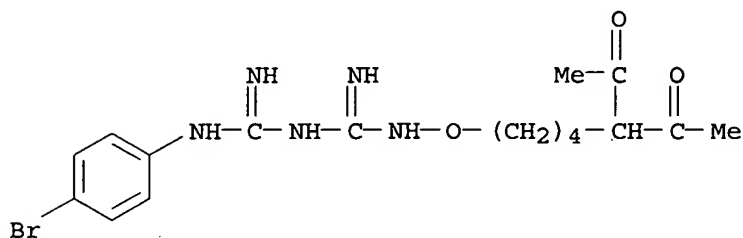
CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

10/716,283



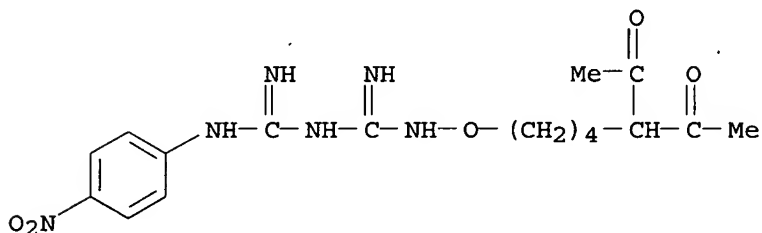
RN 522629-99-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-bromophenyl)- (9CI) (CA INDEX NAME)



RN 522630-00-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[(5-acetyl-6-oxoheptyl)oxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:555187 CAPLUS

DN 137:379695

TI Biguanide-atovaquone synergy against Plasmodium falciparum in vitro

AU Jones, K.; Ward, S. A.

CS Department of Pharmacology and Therapeutics, University of Liverpool, Liverpool, UK

SO Antimicrobial Agents and Chemotherapy (2002), 46(8), 2700-2703

CODEN: AMACCQ; ISSN: 0066-4804

PB American Society for Microbiology

DT Journal

LA English

IT 150374-62-2, PS-15

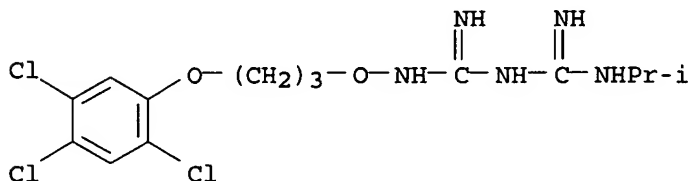
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(biguanide-atovaquone synergy against Plasmodium falciparum in vitro)

10/716,283

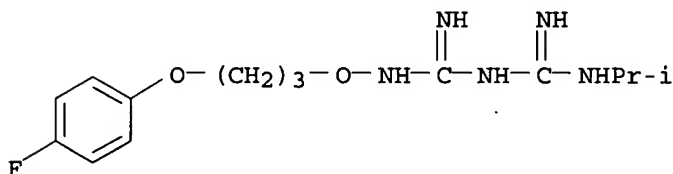
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:752297 CAPLUS
DN 136:47978
TI Phenoxypropoxybiguanides, Prodrugs of DHFR-Inhibiting Diaminotriazine Antimalarials
AU Jensen, Norman P.; Ager, Arba L.; Bliss, Robert A.; Canfield, Craig J.; Kotecka, Barbara M.; Rieckmann, Karl H.; Terpinski, Jacek; Jacobus, David P.
CS Jacobus Pharmaceutical, Princeton, NJ, 08540, USA
SO Journal of Medicinal Chemistry (2001), 44(23), 3925-3931
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 381247-35-4P
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(phenoxypropoxybiguanides, prodrugs of DHFR-inhibiting diaminotriazine antimalarials)
RN 381247-35-4 CAPLUS
CN Imidodicarbonimidic diamide, N-[3-(4-fluorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



IT 150374-62-2P, PS 15 152662-94-7P 152662-98-1P
381247-33-2P 381247-34-3P 381247-36-5P
381247-37-6P 381247-38-7P 381247-39-8P
381247-40-1P 381247-41-2P 381247-42-3P
381247-43-4P 381247-44-5P 381247-45-6P
381247-46-7P 381247-47-8P 381247-48-9P
381247-49-0P 381247-50-3P 381247-51-4P
381247-52-5P 381247-53-6P 381247-54-7P
381247-55-8P 381247-56-9P 381247-57-0P

10/716,283

381247-58-1P 381247-59-2P 381247-60-5P

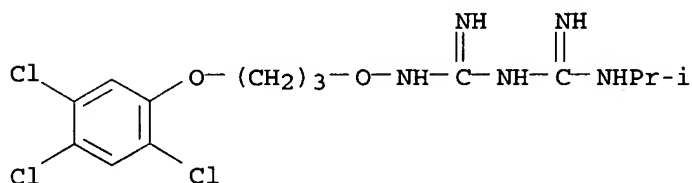
381247-61-6P 381247-62-7P 381247-63-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(phenoxypropoxybiguanides, prodrugs of DHFR-inhibiting diaminotriazine antimalarials)

RN 150374-62-2 CAPLUS

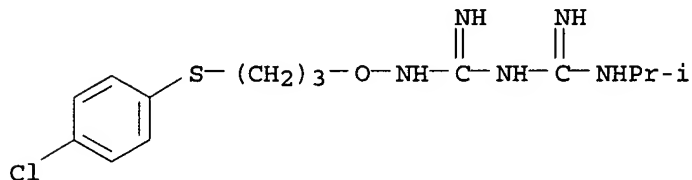
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

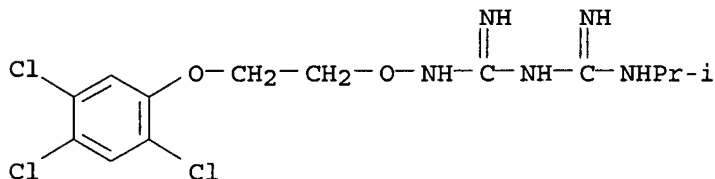
RN 152662-94-7 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[(4-chlorophenyl)thio]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



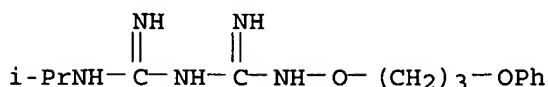
RN 152662-98-1 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[2-(2,4,5-trichlorophenoxy)ethoxy]- (9CI) (CA INDEX NAME)



RN 381247-33-2 CAPLUS

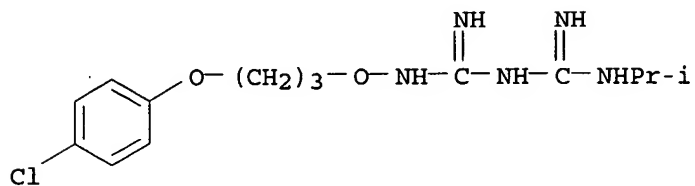
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-(3-phenoxypropoxy)- (9CI) (CA INDEX NAME)



10/716,283

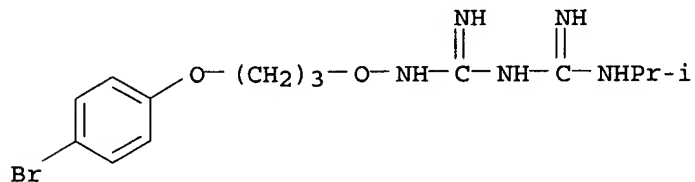
RN 381247-34-3 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(4-chlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



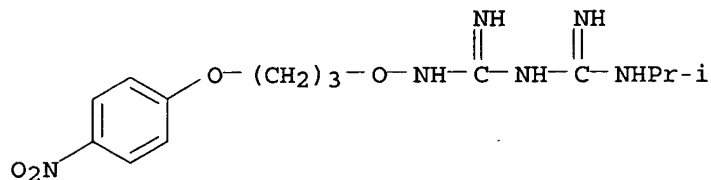
RN 381247-36-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(4-bromophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



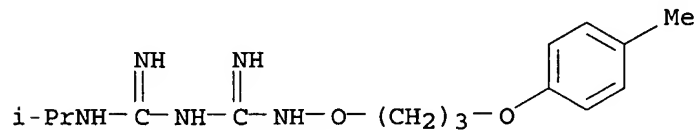
RN 381247-37-6 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(4-nitrophenoxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-38-7 CAPLUS

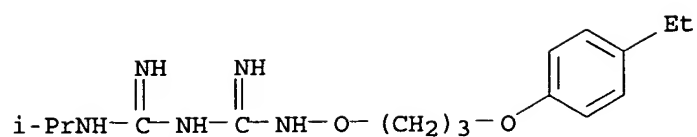
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(4-methylphenoxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-39-8 CAPLUS

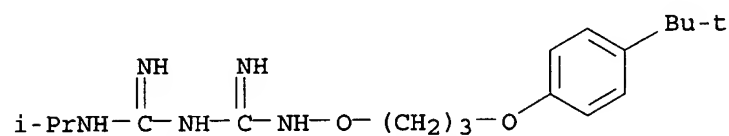
CN Imidodicarbonimidic diamide, N-[3-(4-ethylphenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

10/716,283



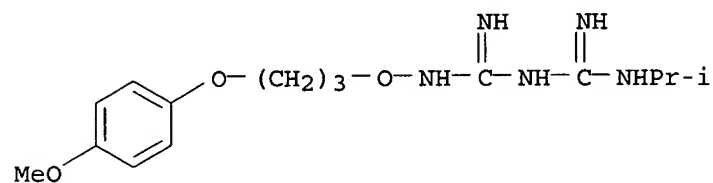
RN 381247-40-1 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[4-(1,1-dimethylethyl)phenoxy]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



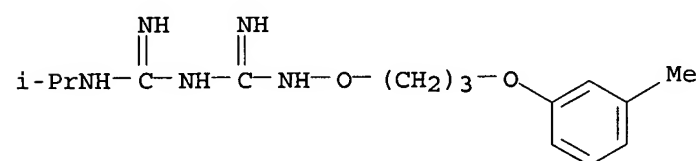
RN 381247-41-2 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(4-methoxyphenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



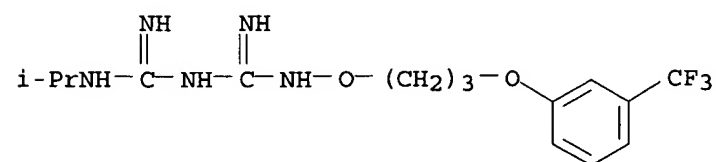
RN 381247-42-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(3-methylphenoxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-43-4 CAPLUS

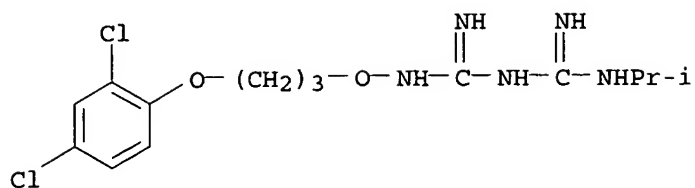
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[3-(trifluoromethyl)phenoxy]propoxy]- (9CI) (CA INDEX NAME)



RN 381247-44-5 CAPLUS

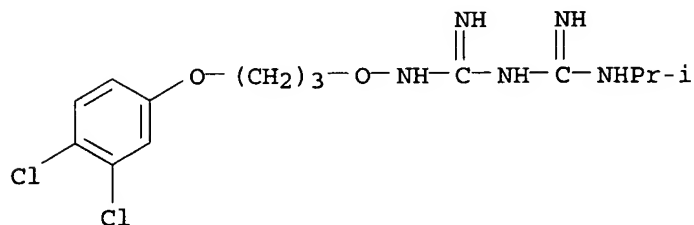
CN Imidodicarbonimidic diamide, N-[3-(2,4-dichlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

10/716,283



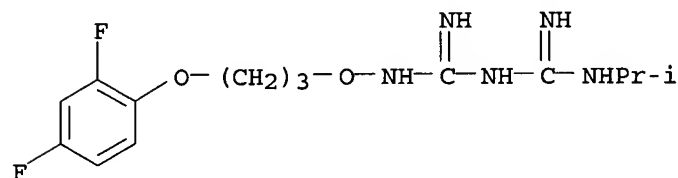
RN 381247-45-6 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(3,4-dichlorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



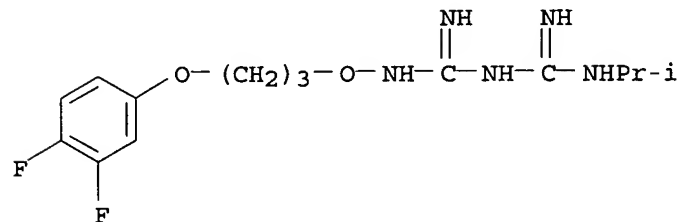
RN 381247-46-7 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(2,4-difluorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 381247-47-8 CAPLUS

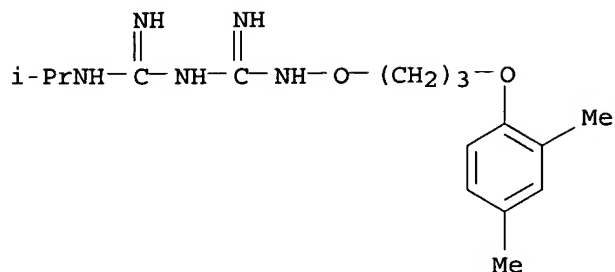
CN Imidodicarbonimidic diamide, N-[3-(3,4-difluorophenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 381247-48-9 CAPLUS

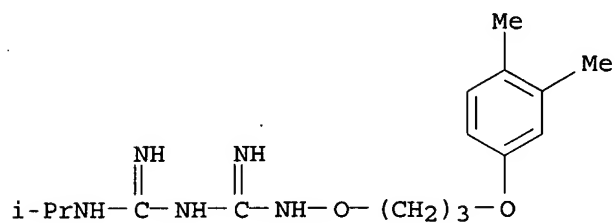
CN Imidodicarbonimidic diamide, N-[3-(2,4-dimethylphenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

10/716,283



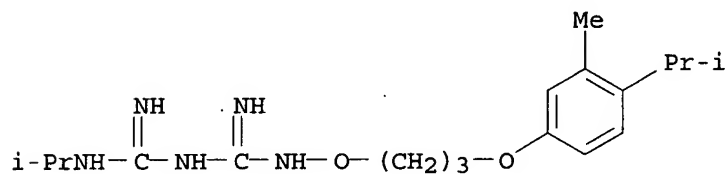
RN 381247-49-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(3,4-dimethylphenoxy)propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



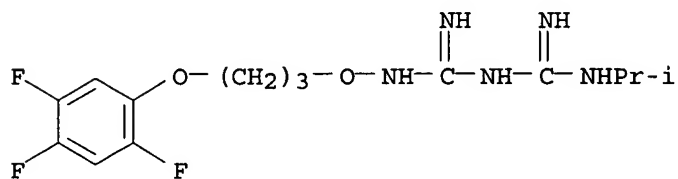
RN 381247-50-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[3-methyl-4-(1-methylethyl)phenoxy]propoxy]- (9CI) (CA INDEX NAME)



RN 381247-51-4 CAPLUS

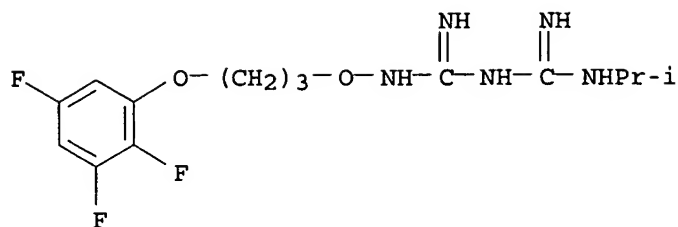
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trifluorophenoxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-52-5 CAPLUS

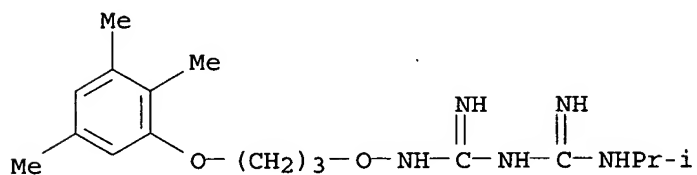
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,3,5-trifluorophenoxy)propoxy]- (9CI) (CA INDEX NAME)

10/716,283



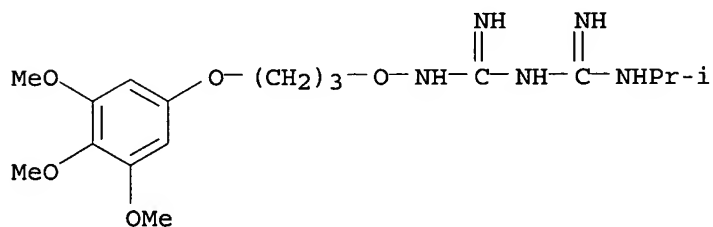
RN 381247-53-6 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,3,5-trimethylphenoxy)propoxy]- (9CI) (CA INDEX NAME)



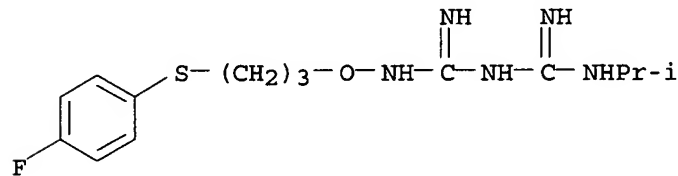
RN 381247-54-7 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(3,4,5-trimethoxyphenoxy)propoxy]- (9CI) (CA INDEX NAME)



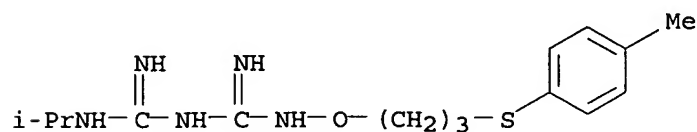
RN 381247-55-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[(4-fluorophenyl)thio]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 381247-56-9 CAPLUS

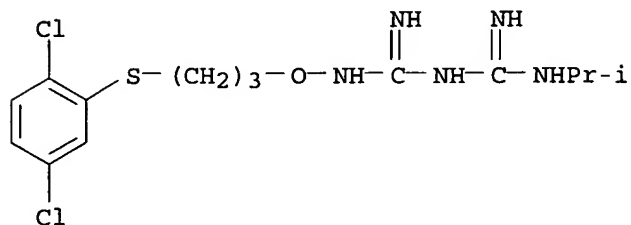
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[(4-methylphenyl)thio]propoxy]- (9CI) (CA INDEX NAME)



10/716,283

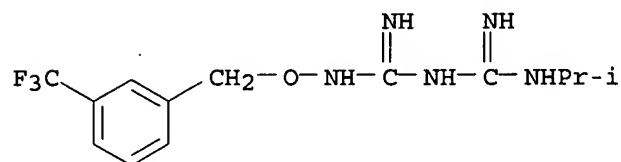
RN 381247-57-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[(2,5-dichlorophenyl)thio]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



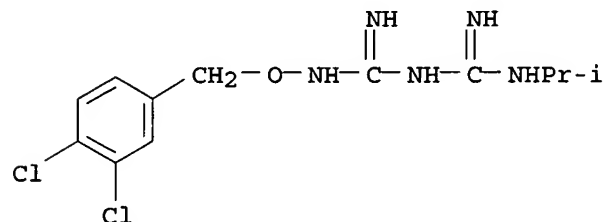
RN 381247-58-1 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[[3-(trifluoromethyl)phenyl]methoxy]- (9CI) (CA INDEX NAME)



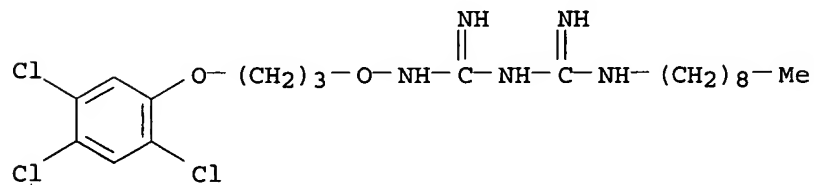
RN 381247-59-2 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3,4-dichlorophenyl)methoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 381247-60-5 CAPLUS

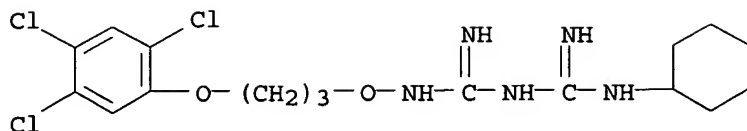
CN Imidodicarbonimidic diamide, N-nonyl-N'-[3-(2,4,5-trichlorophenoxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-61-6 CAPLUS

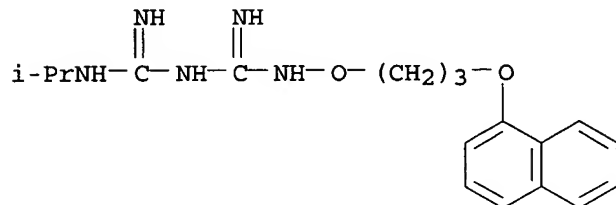
CN Imidodicarbonimidic diamide, N-cyclohexyl-N'-[3-(2,4,5-trichlorophenoxy)propoxy]- (9CI) (CA INDEX NAME)

10/716,283



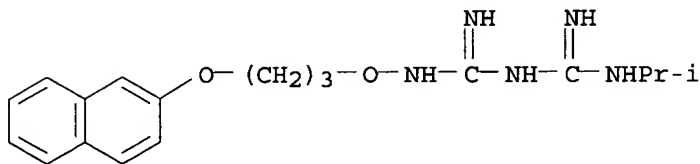
RN 381247-62-7 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(1-naphthalenyloxy)propoxy]- (9CI) (CA INDEX NAME)



RN 381247-63-8 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2-naphthalenyloxy)propoxy]- (9CI) (CA INDEX NAME)



RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:273190 CAPLUS

DN 135:76746

TI Synthesis of some isoindole-1,3-(2H)-dione, amino-oxy and biguanidino-oxy derivatives of carbazole

AU Baregama, Lalit Kumar; Mehta, Deepika; Talesara, G. L.

CS Department of Chemistry, College of Science, M.L. Sukhadia University, Udaipur, 313 001, India

SO Asian Journal of Chemistry (2001), 13(2), 569-572

CODEN: AJCHEW; ISSN: 0970-7077

PB Asian Journal of Chemistry

DT Journal

LA English

OS CASREACT 135:76746

IT 346630-16-8P 346630-17-9P 346630-18-0P

346630-19-1P 346630-20-4P 346630-21-5P

346630-22-6P 346630-23-7P 346630-24-8P

346630-25-9P 346630-26-0P 346630-27-1P

346630-28-2P 346630-29-3P 346630-30-6P

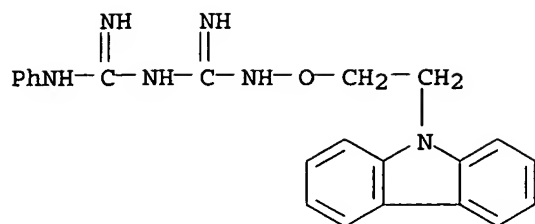
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of N-(carbazolylalkoxy)-N'-phenylimidodicarbonimidic diamide derivs.)

RN 346630-16-8 CAPLUS

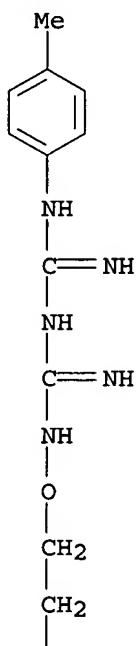
CN Imidodicarbonimidic diamide, N-[2-(9H-carbazol-9-yl)ethoxy]-N'-phenyl- (9CI) (CA INDEX NAME)

10/716,283

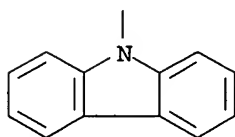


RN 346630-17-9 CAPLUS
CN Imidodicarbonimidic diamide, N-[2-(9H-carbazol-9-yl)ethoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)

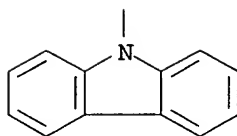
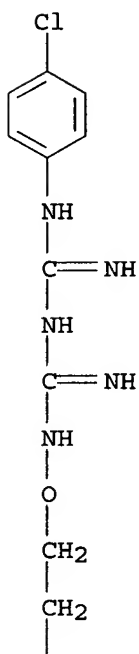
PAGE 1-A



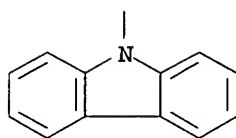
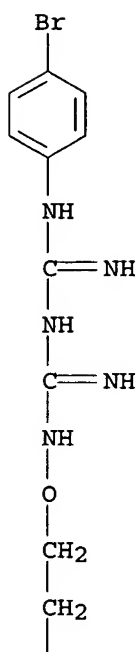
PAGE 2-A



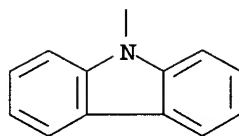
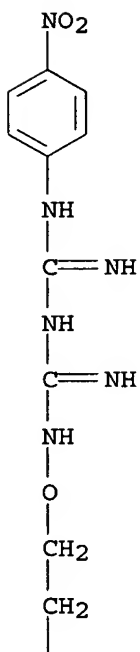
RN 346630-18-0 CAPLUS
CN Imidodicarbonimidic diamide, N-[2-(9H-carbazol-9-yl)ethoxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 346630-19-1 CAPLUS
 CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[2-(9H-carbazol-9-yl)ethoxy]-(9CI) (CA INDEX NAME)

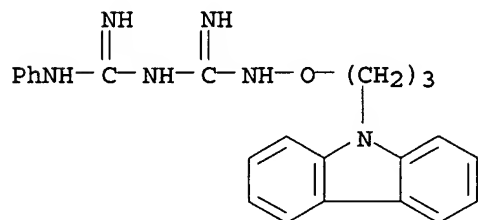


RN 346630-20-4 CAPLUS
 CN Imidodicarbonimidic diamide, N-[2-(9H-carbazol-9-yl)ethoxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



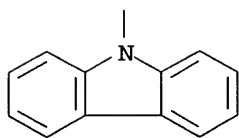
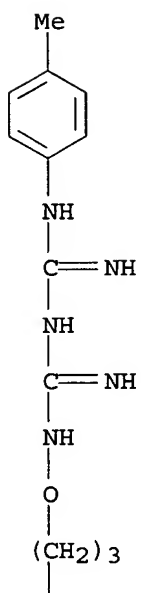
RN 346630-21-5 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-(9H-carbazol-9-yl)propoxy]-N'-phenyl-(9CI) (CA INDEX NAME)

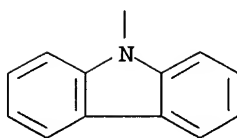
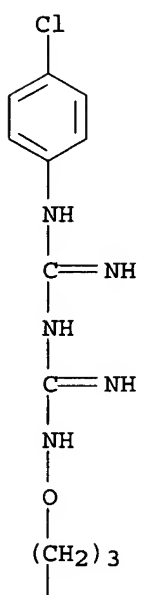


RN 346630-22-6 CAPLUS

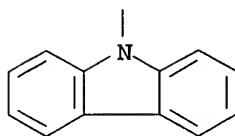
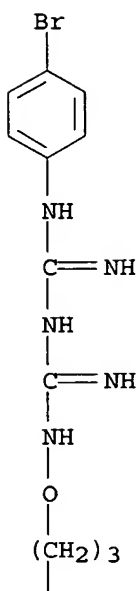
CN Imidodicarbonimidic diamide, N-[3-(9H-carbazol-9-yl)propoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



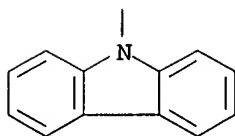
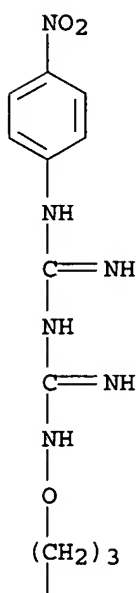
RN 346630-23-7 CAPLUS
 CN Imidodicarbonimidic diamide, N-[3-(9H-carbazol-9-yl)propoxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 346630-24-8 CAPLUS
CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[3-(9H-carbazol-9-yl)propoxy]- (9CI) (CA INDEX NAME)

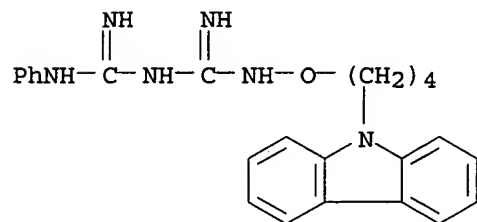


RN 346630-25-9 CAPLUS
 CN Imidodicarbonimidic diamide, N-[3-(9H-carbazol-9-yl)propoxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



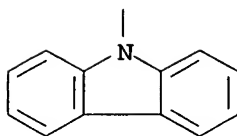
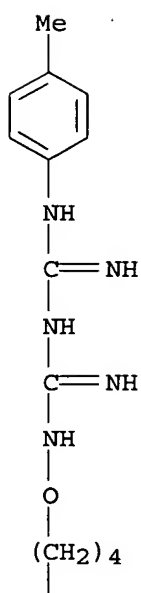
RN 346630-26-0 CAPLUS

CN Imidodicarbonimidic diamide, N-[4-(9H-carbazol-9-yl)butoxy]-N'-phenyl-(9CI) (CA INDEX NAME)

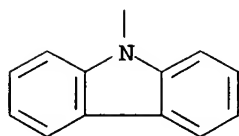
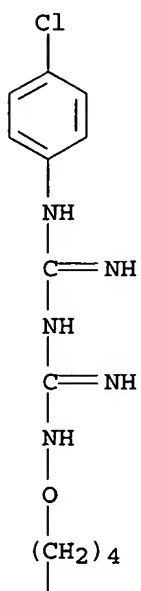


RN 346630-27-1 CAPLUS

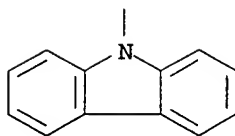
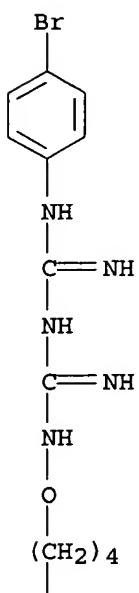
CN Imidodicarbonimidic diamide, N-[4-(9H-carbazol-9-yl)butoxy]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)



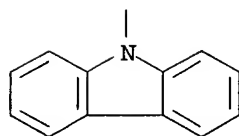
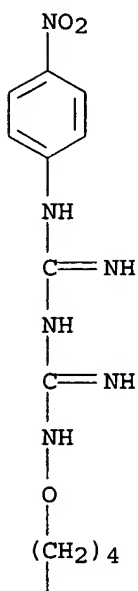
RN 346630-28-2 CAPLUS
 CN Imidodicarbonimidic diamide, N-[4-(9H-carbazol-9-yl)butoxy]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 346630-29-3 CAPLUS
 CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-[4-(9H-carbazol-9-yl)butoxy]- (9CI) (CA INDEX NAME)



RN 346630-30-6 CAPLUS
 CN Imidodicarbonimidic diamide, N-[4-(9H-carbazol-9-yl)butoxy]-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:842012 CAPLUS
DN 134:16544
TI Medicinal compositions containing anti-Fas antibody
IN Serizawa, Nobufusa; Ichikawa, Kimihisa; Yoshida, Hiroko
PA Sankyo Company, Ltd., Japan
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2

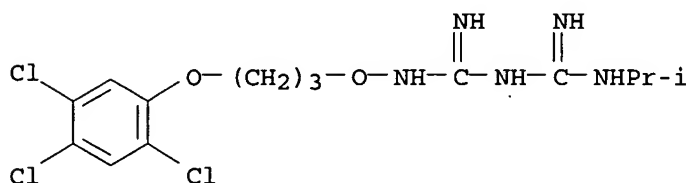
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000071160	A1	20001130	WO 2000-JP3324	20000524
	W: AU, BR, CA, CN, CZ, HU, ID, IL, IN, KR, MX, NO, NZ, PL, RU, TR, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2373992	AA	20001130	CA 2000-2373992	20000524
	JP 2001039892	A2	20010213	JP 2000-152283	20000524
	BR 2000010909	A	20020219	BR 2000-10909	20000524

10/716,283

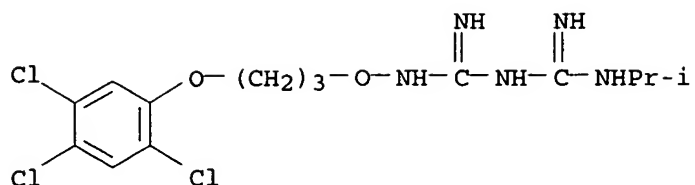
EP 1180369 A1 20020220 EP 2000-931546 20000524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI
TR 200103396 T2 20020422 TR 2001-200103396 20000524
AU 761544 B2 20030605 AU 2000-49486 20000524
RU 2222347 C2 20040127 RU 2001-131725 20000524
NZ 515598 A 20040528 NZ 2000-515598 20000524
US 2002103212 A1 20020801 US 2001-989620 20011120
US 6746673 B2 20040608
ZA 2001009575 A 20030220 ZA 2001-9575 20011120
NO 2001005711 A 20020111 NO 2001-5711 20011123
PRAI JP 1999-143033 A 19990524
WO 2000-JP3324 W 20000524
IT 150374-62-2, PS 15 (pharmaceutical)
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(comps. containing anti-Fas antibody and folic acid antagonist or
dihydrofolate reductase inhibitors for treatment of autoimmune disease
or rheumatoid arthritis)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

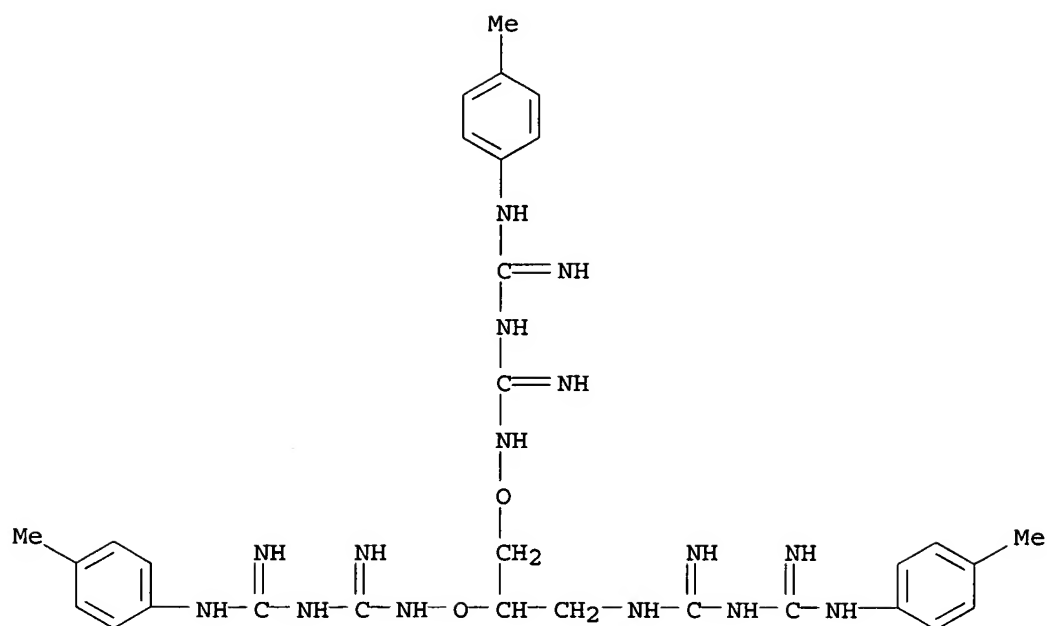
L4 ANSWER 14 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:159758 CAPLUS
DN 132:189209
TI PS-15(jacobus pharm co inc)
AU Chauhan, P. M. S.
CS Central Drug Research Institute, Lucknow, India
SO Current Opinion in Anti-Infective Investigational Drugs (2000), 2(1),
103-108
CODEN: COADFY; ISSN: 1464-8458
PB PharmaPress Ltd.
DT Journal; General Review
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(PS-15, a biguanide dihydrofolate reductase inhibitor for treatment of
toxoplasma and Plasmodium infection in humans)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

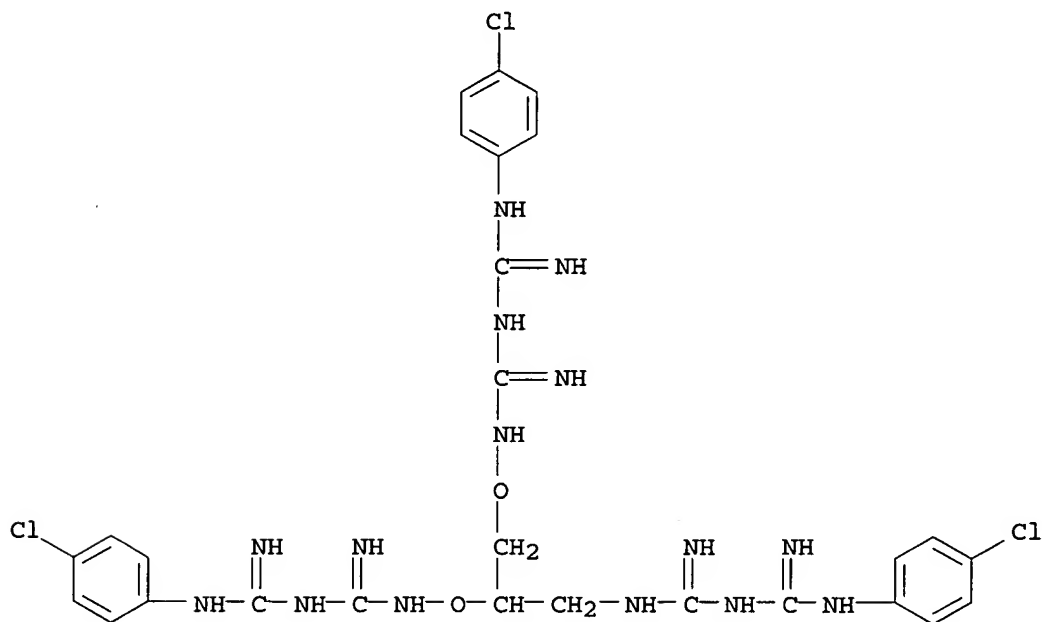
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:148020 CAPLUS
DN 132:293558
TI Synthesis of bis-1,2-aryl-biguanidino-oxy, 3-biguanidinopropane as
potential antimalarials
AU Khatri, Dilip; Rajora, Sonal; Banu, Tahira; Talesara, G. L.
CS Department of Chemistry, College of Science, M.L. Sukhadia University,
Udaipur, 313 001, India
SO Asian Journal of Chemistry (1999), 11(4), 1438-1444
CODEN: AJCHEW; ISSN: 0970-7077
PB Asian Journal of Chemistry
DT Journal
LA English
OS CASREACT 132:293558
IT 264622-38-0P 264622-39-1P 264622-40-4P
264622-41-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of bis(biguanidinooxy)biguanidinopropanes)
RN 264622-38-0 CAPLUS
CN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, 3,10-diimino-6-
[[[imino[[imino[(4-methylphenyl) amino]methyl]amino]methyl]amino]methyl] -
N,N''-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)



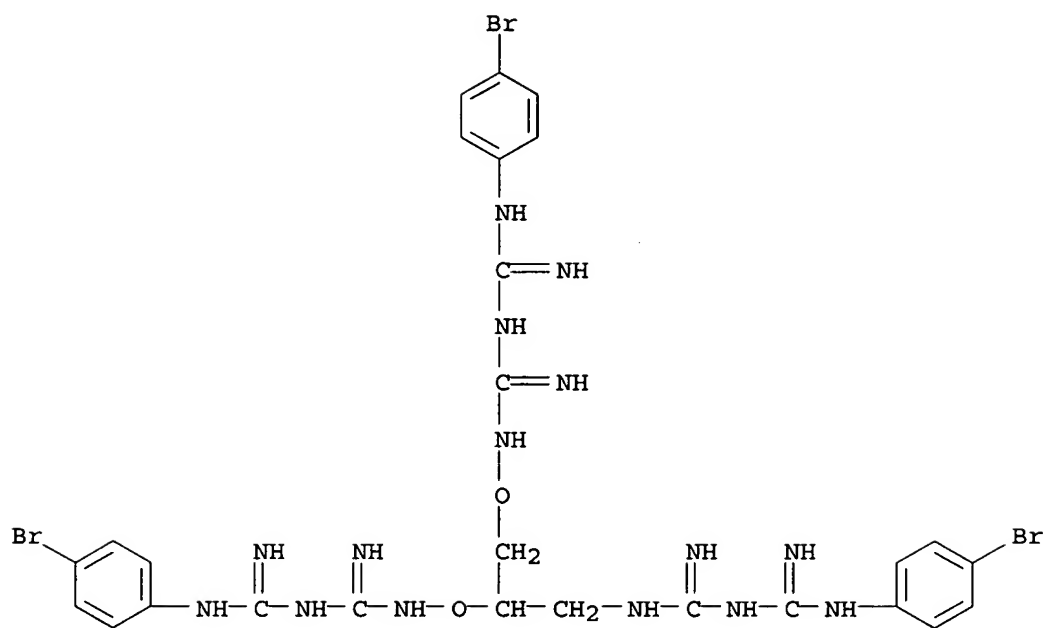
RN 264622-39-1 CAPLUS

CN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, N,N''-bis(4-chlorophenyl)-6-[[[[[(4-chlorophenyl)amino]iminomethyl]amino]iminomethyl]amino]methyl]-3,10-diimino- (9CI) (CA INDEX NAME)



RN 264622-40-4 CAPLUS

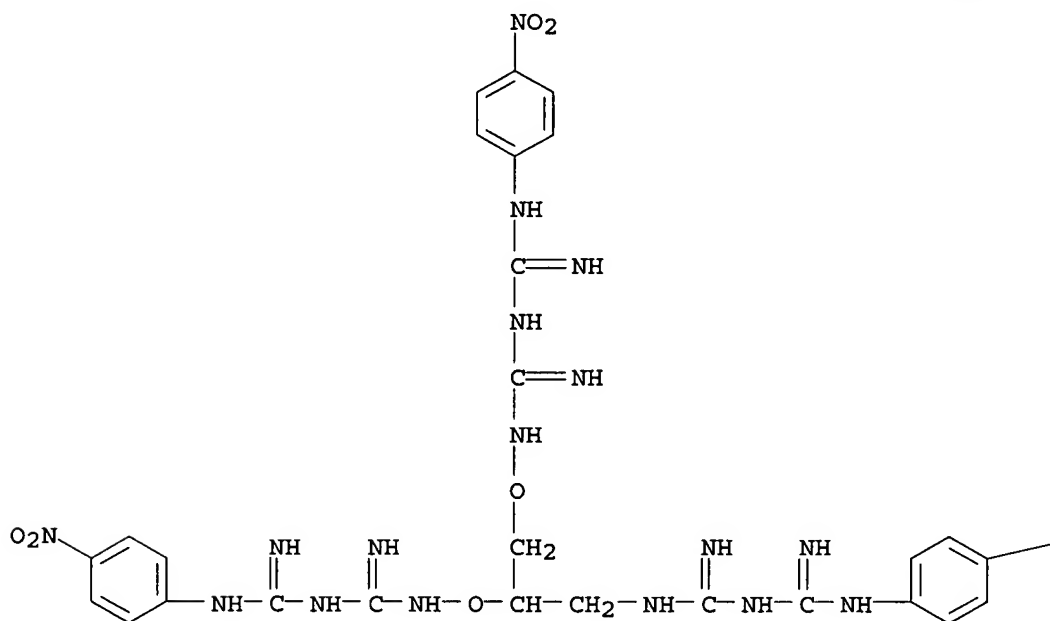
CN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, N,N''-bis(4-bromophenyl)-6-[[[[[(4-bromophenyl)amino]iminomethyl]amino]iminomethyl]amino]methyl]-3,10-diimino- (9CI) (CA INDEX NAME)



RN 264622-41-5 CAPLUS

CN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, 3,10-diimino-6-
[[[imino[[imino[(4-nitrophenyl)amino]methyl]amino]methyl]amino]methyl]-
N,N''-bis(4-nitrophenyl)- (9CI) (CA INDEX NAME)

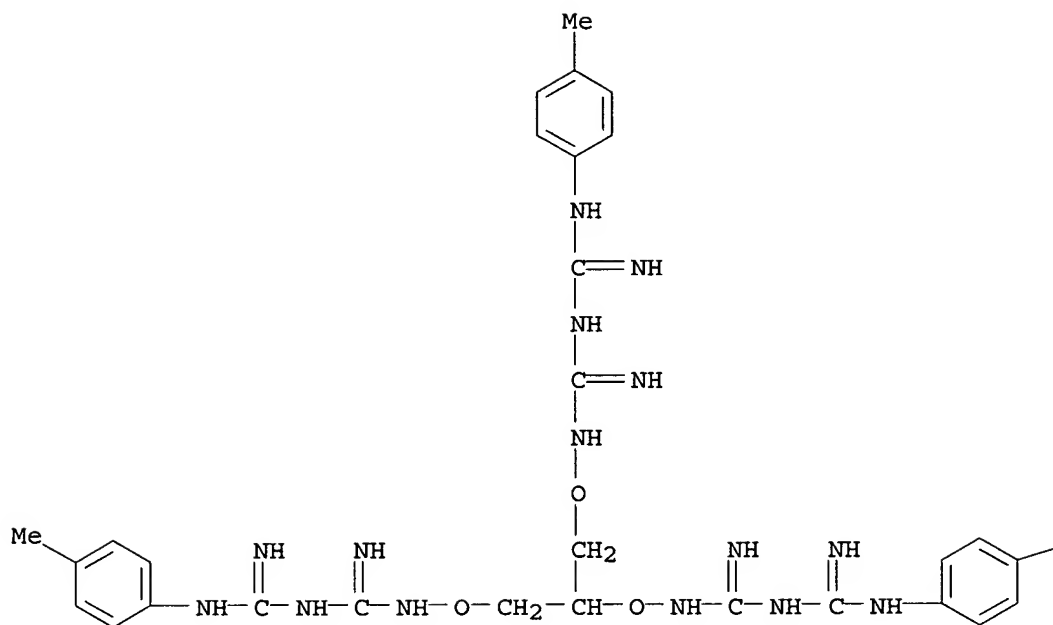
PAGE 1-A



— NO₂

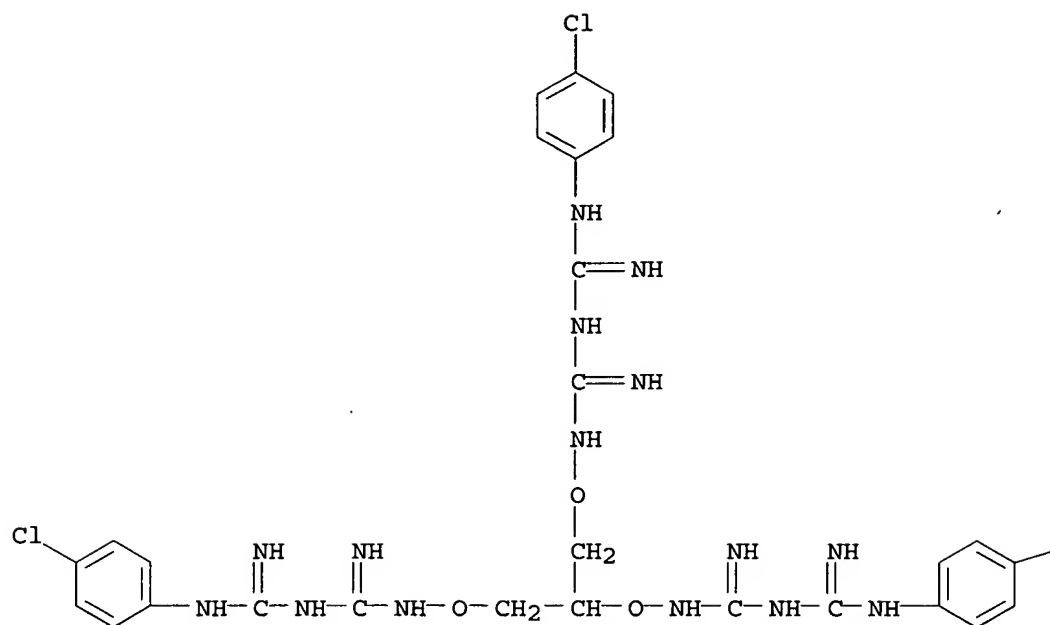
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:813252 CAPLUS
DN 132:180446
TI Synthesis of some amino-oxy, biguanidino-oxy and piperazinyll derivatives
 of propane via reaction between N-hydroxyphthalimide and epichlorohydrin
AU Mehta, Deepika; Talesara, G. L.
CS Department of Chemistry, College of Science, M.L. Sukhadia University,
 Udaipur, 313 001, India
SO Asian Journal of Chemistry (2000), 12(1), 14-18
 CODEN: AJCHEW; ISSN: 0970-7077
PB Asian Journal of Chemistry
DT Journal
LA English
OS CASREACT 132:180446
IT 220280-20-6P 220280-21-7P 220280-22-8P
 220280-23-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of aminooxy-, biguanidinooxy-, and piperazinyllpropanes from
 reactions of hydroxyphthalimide and epichlorohydrin)
RN 220280-20-6 CAPLUS
CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, 3,11-diimino-7-
 [[[imino[[imino[(4-methylphenyl) amino]methyl] amino]methyl] amino]oxy] -N,N''-
 bis(4-methylphenyl) - (9CI) (CA INDEX NAME)



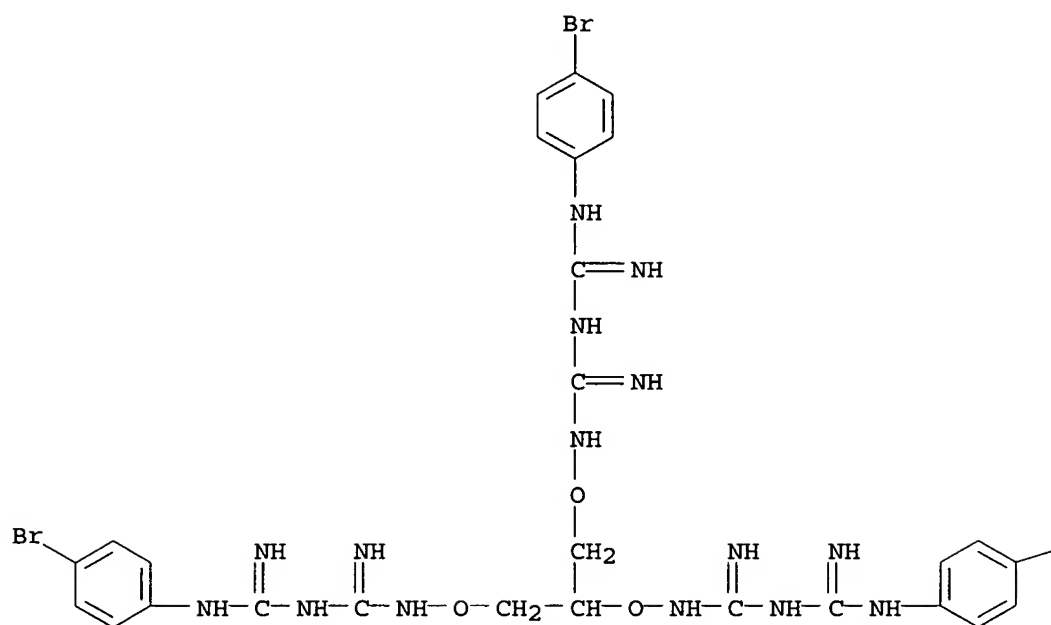
— Me

RN 220280-21-7 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, N,N''-bis(4-chlorophenyl)-7-[[[[[(4-chlorophenyl)amino]iminomethyl]amino]iminomethyl]amino]oxy]-3,11-diimino- (9CI) (CA INDEX NAME)



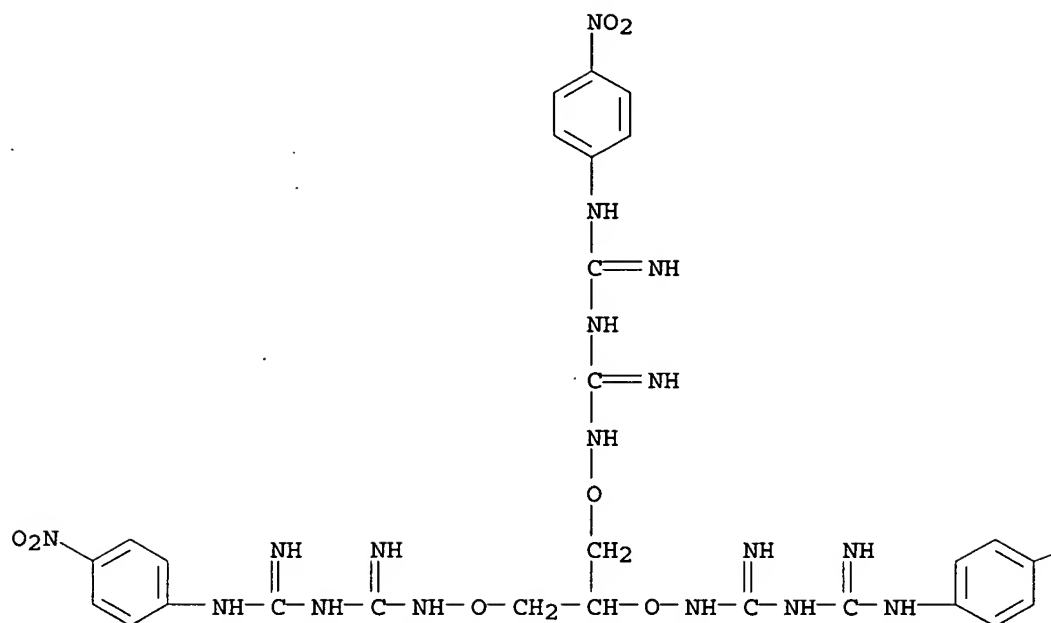
— Cl

RN 220280-22-8 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, N,N''-bis(4-bromophenyl)-
 7-[[[[[(4-bromophenyl)amino]iminomethyl]amino]iminomethyl]amino]oxy]-3,11-
 diimino- (9CI) (CA INDEX NAME)



—Br

RN 220280-23-9 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, 3,11-diimino-7-
 [[[imino[[imino[(4-nitrophenyl)amino]methyl]amino]methyl]amino]oxy]-N,N''-
 bis(4-nitrophenyl)- (9CI) (CA INDEX NAME)



—NO₂

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:448076 CAPLUS

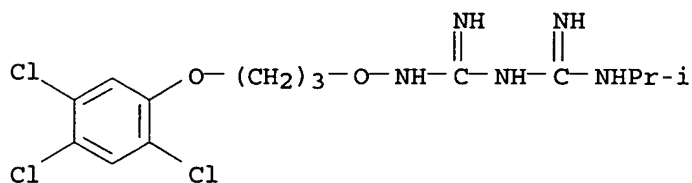
DN 131:254801

TI The antimalarial triazine WR99210 and the prodrug PS-15: folate reversal
of in vitro activity against Plasmodium falciparum and a non-antifolate
mode of action of the prodrug

AU Kinyanjui, Samson M.; Mberu, Edward K.; Winstanley, Peter A.; Jacobus,

10/716,283

David P.; Watkins, William M.
CS Kenya Medical Research Institute/Wellcome Trust Collaborative Research
Program, Nairobi, Kenya
SO American Journal of Tropical Medicine and Hygiene (1999), 60(6), 943-947
CODEN: AJTHAB; ISSN: 0002-9637
PB American Society of Tropical Medicine and Hygiene
DT Journal
LA English
IT 150374-62-2
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); BSU (Biological study, unclassified); BIOL (Biological study);
PROC (Process)
(effect of folic acid and folinic acid on antimalarials)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

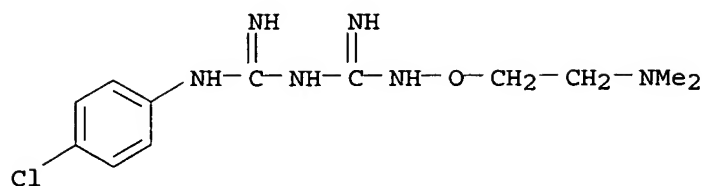
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:447215 CAPLUS
DN 131:257294
TI Synthesis and pharmacology of certain amino-oxy derivatives of biguanides
AU Talesara, G. L.; Suresh, K. S.
CS Department of Chemistry, Sukhadia University, Udaipur, India
SO Journal of Indian Council of Chemists (1998), 15(1 & 2), 19-23
CODEN: JICCE7; ISSN: 0971-5037
PB Indian Council of Chemists
DT Journal
LA English
IT 245049-94-9P 245049-95-0P 245049-96-1P
245049-97-2P 245049-99-4P 245050-00-4P
245050-01-5P 245050-02-6P 245050-03-7P
245050-04-8P 245050-05-9P 245050-06-0P
245050-07-1P 245050-08-2P 245050-09-3P
245050-10-6P 245050-11-7P 245050-12-8P
245050-13-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(antimalarial activity of (bromoalkoxy)- and (aminooxy)arylbiguanides
prepared by condensation of (aminooxy)bromo- or bis(aminooxy)alkane
hydrochlorides with substituted arylcyanoguanidines)
RN 245049-94-9 CAPLUS
CN Imidodicarbonimidic diamide, N-(2-bromoethoxy)-N'-(4-chlorophenyl)- (9CI)
(CA INDEX NAME)

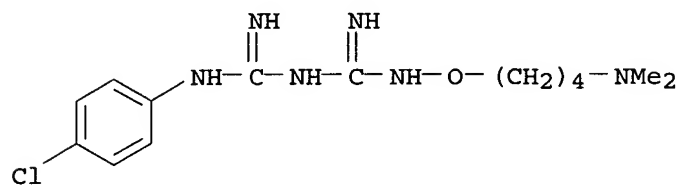
BrCCOCCNC(=N)Nc1ccc(Cl)cc1Clc1ccc(cc1)NC(=N)NC(=N)NOCCCCBrCNCCOCCNC(=O)NC(=O)Nc1ccc(Cl)cc1CN(CCCCN(Cc1ccc(Cl)cc1)C(=N)N)C(=N)N

RN	245049-99-4	CAPLUS
CN	5-Oxa-2,4,8-triazanonanimidamide, N-(4-chlorophenyl)-3-imino-8-methyl- (9CI) (CA INDEX NAME)	

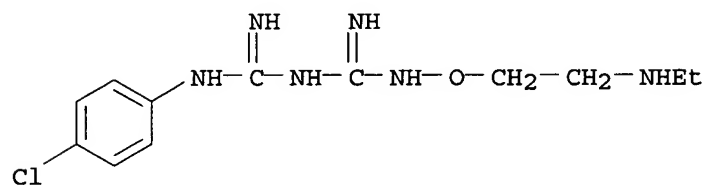
10/716,283



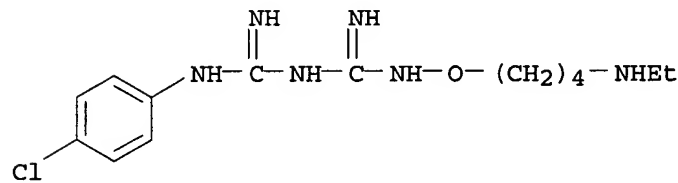
RN 245050-00-4 CAPLUS
CN 5-Oxa-2,4,10-triazaundecanimidamide, N-(4-chlorophenyl)-3-imino-10-methyl-
(9CI) (CA INDEX NAME)



RN 245050-01-5 CAPLUS
CN 5-Oxa-2,4,8-triazadecanimidamide, N-(4-chlorophenyl)-3-imino- (9CI) (CA
INDEX NAME)

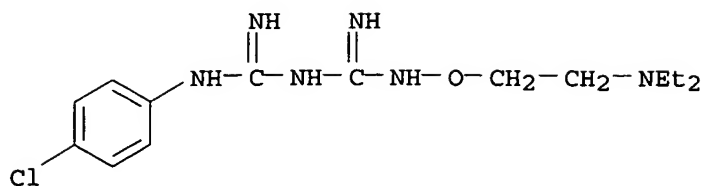


RN 245050-02-6 CAPLUS
CN 5-Oxa-2,4,10-triazadodecanimidamide, N-(4-chlorophenyl)-3-imino- (9CI)
(CA INDEX NAME)



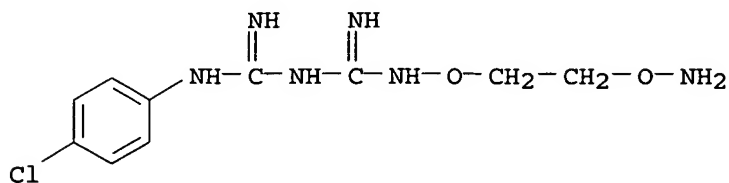
RN 245050-03-7 CAPLUS
CN 5-Oxa-2,4,8-triazadecanimidamide, N-(4-chlorophenyl)-8-ethyl-3-imino-
(9CI) (CA INDEX NAME)

10/716,283



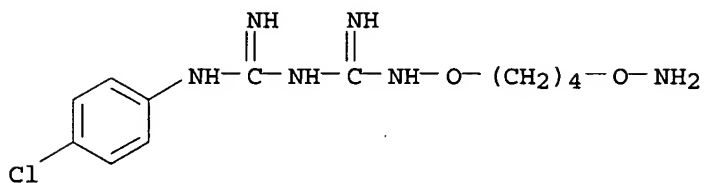
RN 245050-04-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[2-(aminooxy)ethoxy]-N'-(4-chlorophenyl)-
(9CI) (CA INDEX NAME)



RN 245050-05-9 CAPLUS

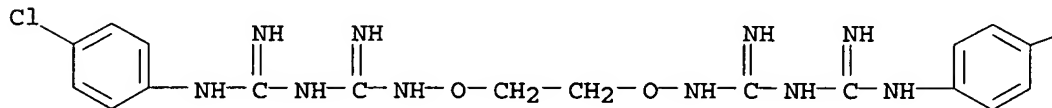
CN Imidodicarbonimidic diamide, N-[4-(aminooxy)butoxy]-N'-(4-chlorophenyl)-
(9CI) (CA INDEX NAME)



RN 245050-06-0 CAPLUS

CN 5,8-Dioxa-2,4,9,11-tetraazadodecanediimidamide, N,N''-bis(4-chlorophenyl)-
3,10-diimino- (9CI) (CA INDEX NAME)

PAGE 1-A

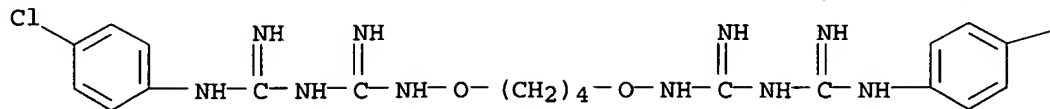


PAGE 1-B

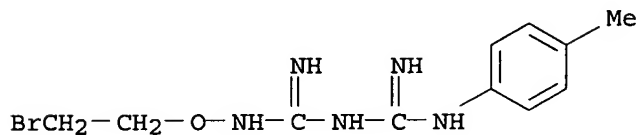


RN 245050-07-1 CAPLUS

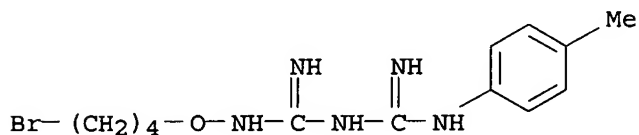
CN 5,10-Dioxa-2,4,11,13-tetraazatetradecanediimidamide, N,N''-bis(4-
chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)



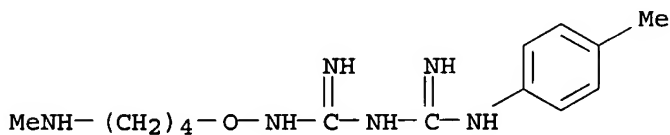
RN 245050-08-2 CAPLUS

CN Imidodicarbonimidic diamide, N-(2-bromoethoxy)-N'-(4-methylphenyl) - (9CI)
(CA INDEX NAME)

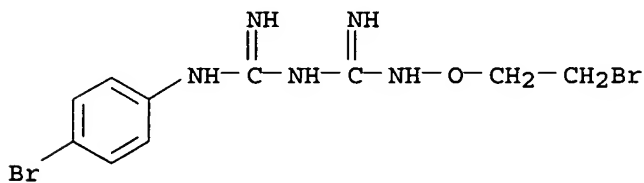
RN 245050-09-3 CAPLUS

CN Imidodicarbonimidic diamide, N-(4-bromobutoxy)-N'-(4-methylphenyl) - (9CI)
(CA INDEX NAME)

RN 245050-10-6 CAPLUS

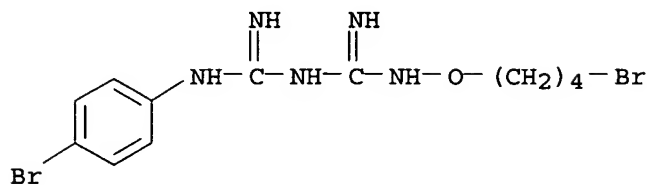
CN 5-Oxa-2,4,10-triazaundecanimidamide, 3-imino-N-(4-methylphenyl) - (9CI)
(CA INDEX NAME)

RN 245050-11-7 CAPLUS

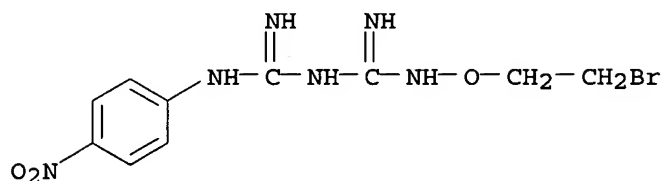
CN Imidodicarbonimidic diamide, N-(2-bromoethoxy)-N'-(4-bromophenyl) - (9CI)
(CA INDEX NAME)

10/716,283

RN 245050-12-8 CAPLUS
CN Imidodicarbonimidic diamide, N-(4-bromobutoxy)-N'-(4-bromophenyl)- (9CI)
(CA INDEX NAME)

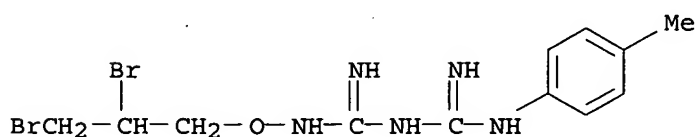


RN 245050-13-9 CAPLUS
CN Imidodicarbonimidic diamide, N-(2-bromoethoxy)-N'-(4-nitrophenyl)- (9CI)
(CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

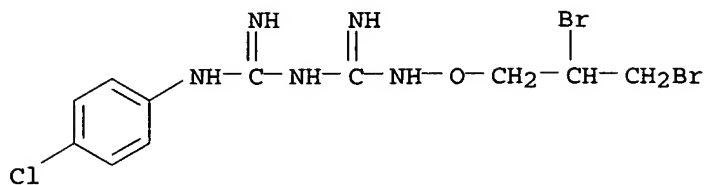
L4 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:10894 CAPLUS
DN 130:153458
TI Synthesis of some amino-oxy derivatives of propane
AU Rajora, Sonal; Khatri, Dilip; Talesara, G. L.
CS Department of Chemistry University College of Science, Sukhadia
University, Udaipur, 313 001, India
SO Asian Journal of Chemistry (1999), 11(1), 59-64
CODEN: AJCHEW; ISSN: 0970-7077
PB Asian Journal of Chemistry
DT Journal
LA English
IT 220280-13-7P 220280-14-8P 220280-15-9P
220280-16-0P 220280-20-6P 220280-21-7P
220280-22-8P 220280-23-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of some propoxyamines)
RN 220280-13-7 CAPLUS
CN Imidodicarbonimidic diamide, N-(2,3-dibromopropoxy)-N'-(4-methylphenyl)-
(9CI) (CA INDEX NAME)



RN 220280-14-8 CAPLUS
CN Imidodicarbonimidic diamide, N-(4-chlorophenyl)-N'-(2,3-dibromopropoxy)-

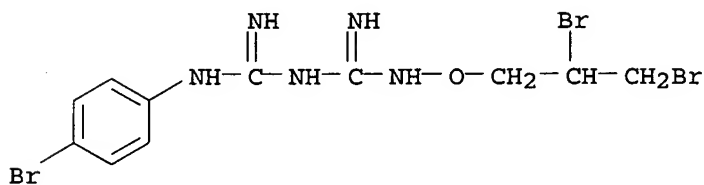
10/716,283

(9CI) (CA INDEX NAME)



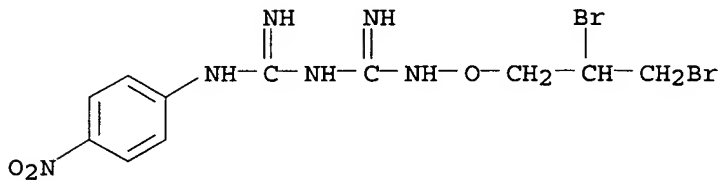
RN 220280-15-9 CAPLUS

CN Imidodicarbonimidic diamide, N-(4-bromophenyl)-N'-(2,3-dibromopropoxy) -
(9CI) (CA INDEX NAME)



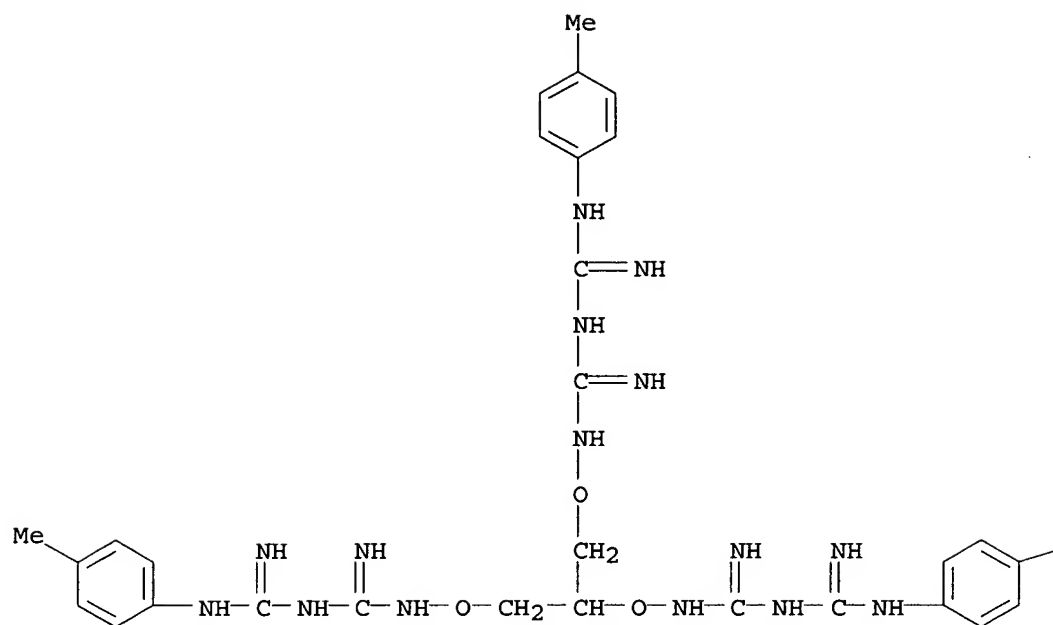
RN 220280-16-0 CAPLUS

CN Imidodicarbonimidic diamide, N-(2,3-dibromopropoxy)-N'-(4-nitrophenyl) -
(9CI) (CA INDEX NAME)



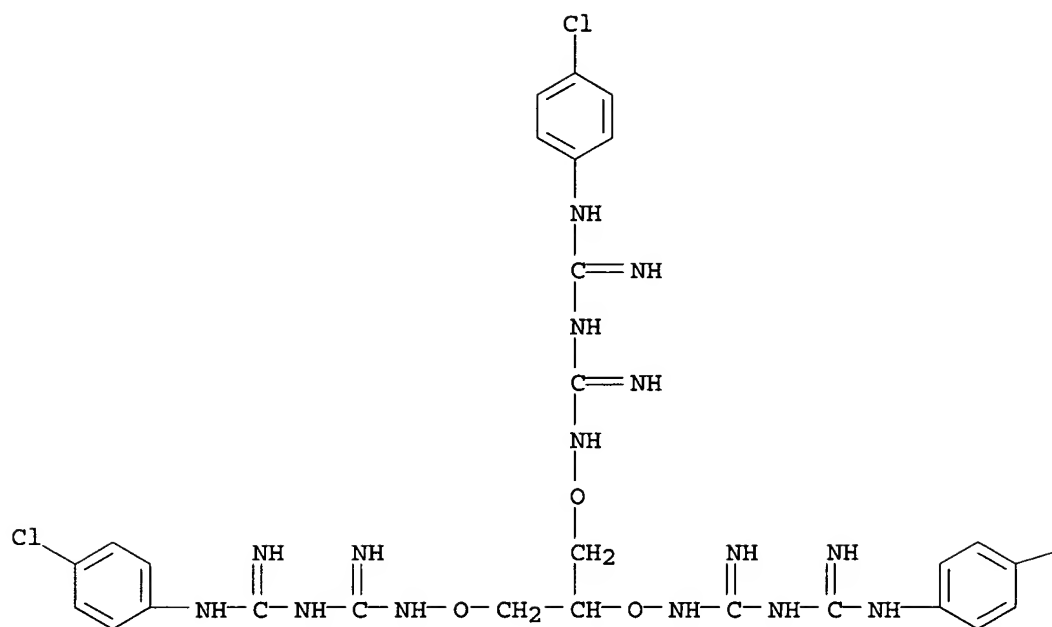
RN 220280-20-6 CAPLUS

CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, 3,11-diimino-7-
[[[imino[[imino[(4-methylphenyl) amino]methyl] amino]methyl] amino]oxy] -N,N' -
bis(4-methylphenyl) - (9CI) (CA INDEX NAME)



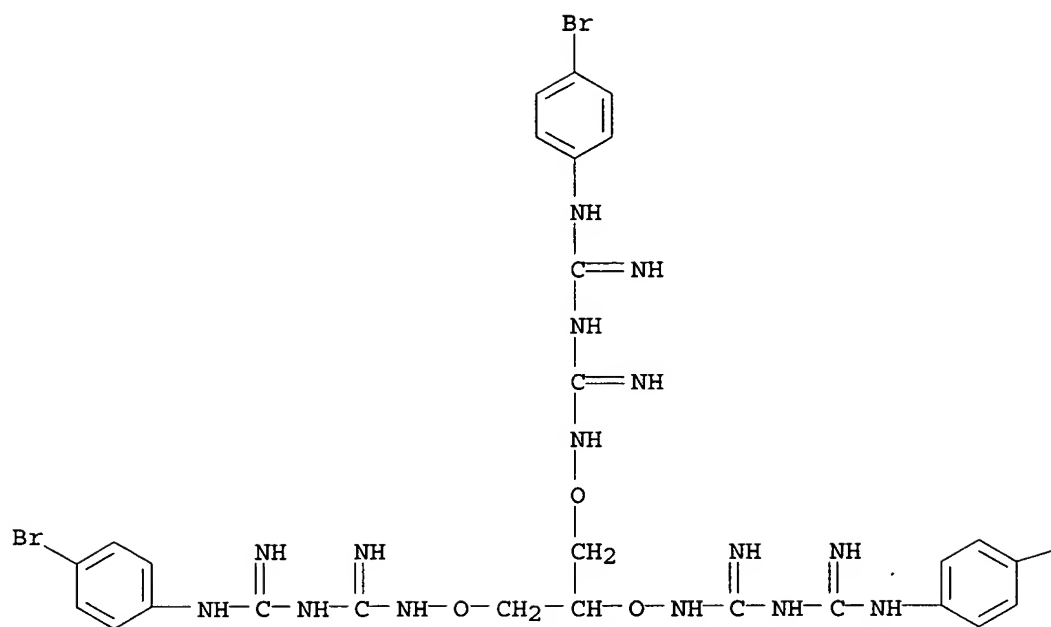
Me

RN 220280-21-7 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, N,N''-bis(4-chlorophenyl)-7-[[[[[(4-chlorophenyl)amino]iminomethyl]amino]iminomethyl]amino]oxy]-3,11-diimino- (9CI) (CA INDEX NAME)



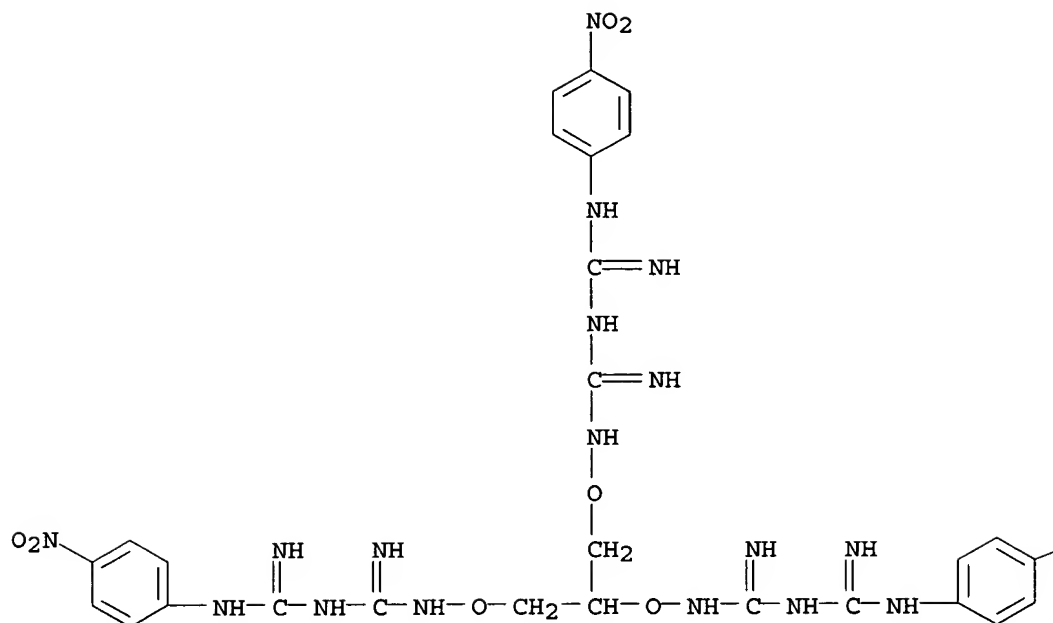
— Cl

RN 220280-22-8 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecanediimidamide, N,N''-bis(4-bromophenyl)-
 7-[[[[[(4-bromophenyl)amino]iminomethyl]amino]iminomethyl]amino]oxy]-3,11-
 diimino- (9CI) (CA INDEX NAME)



— Br

RN 220280-23-9 CAPLUS
 CN 5,9-Dioxa-2,4,10,12-tetraazatridecane diimidamide, 3,11-diimino-7-
 [[[imino[[imino[(4-nitrophenyl)amino]methyl]amino]methyl]amino]oxy]-N,N'-
 bis(4-nitrophenyl)- (9CI) (CA INDEX NAME)



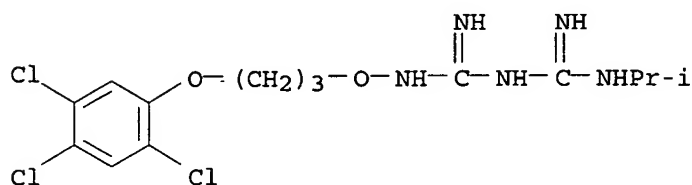
— NO₂

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:569742 CAPLUS
DN 129:310432
TI Pyrimidine antagonists and antifolates as antimalarial drugs
AU Christopherson, Richard I.; Seymour, Kristen K.; Yeo, Anthony E. T.
CS Dep. Biochemistry, Univ. Sydney, Sydney, NSW 2006, Australia
SO Advances in Experimental Medicine and Biology (1998), 431(Purine and

10/716,283

Pyrimidine Metabolism in Man IX, 1998), 705-709
CODEN: AEMBAP; ISSN: 0065-2598
PB Plenum Publishing Corp.
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pyrimidine antagonists and antifolates as antimalarial drugs)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

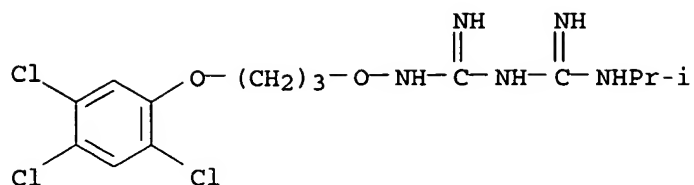


●x HCl

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:271664 CAPLUS
DN 129:36140
TI Drug evaluation of concurrent Pneumocystis carinii, Toxoplasma gondii, and Mycobacterium avium complex infections in a rat model
AU Brun-Pascaud, Monique; Rajagopalan-Levasseur, Premavathy; Chau, Francoise; Bertrand, Guylene; Garry, Louis; Derouin, Francis; Girard, Pierre-Marie
CS Institut National de la Sante et de la Recherche Medicale Unite 13 Hopital Bichat-Claude Bernard, Paris, 75877, Fr.
SO Antimicrobial Agents and Chemotherapy (1998), 42(5), 1068-1072
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(drug evaluation of concurrent Pneumocystis carinii, Toxoplasma gondii, and Mycobacterium avium complex infections in immunosuppressed rat model in relation to use of combinations of drugs)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

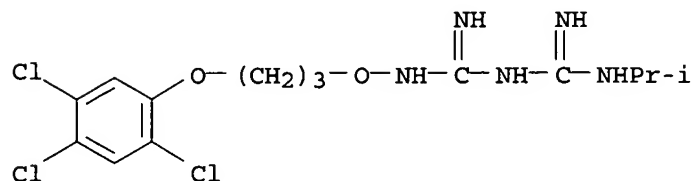
10/716,283



●x HCl

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:660433 CAPLUS
DN 127:326008
TI In vitro activities of the biguanide PS-15 and its metabolite, WR99210,
against cycloguanil-resistant Plasmodium falciparum isolates from Thailand
AU Edstein, M. D.; Bahr, S.; Kotecka, B.; Shanks, G. D.; Rieckmann, K. H.
CS Australian Army Malaria Institute, Brisbane, Australia
SO Antimicrobial Agents and Chemotherapy (1997), 41(10), 2300-2301
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(in vitro activities of the biguanide PS-15 and its metabolite,
WR99210, against cycloguanil-resistant Plasmodium falciparum isolates
from Thailand)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



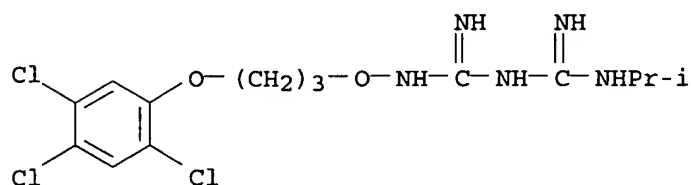
●x HCl

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:441712 CAPLUS
DN 127:103960
TI Direct comparison of antimalarial activity among PS-15 combination
therapies by bioassay of serum samples from treated Saimiri sciureus
AU Yeo, Anthony E.T.

10/716,283

CS Army Malaria Research Unit, University of Sydney, Liverpool Military Area,
NSW 2174, Australia
SO Journal of Parasitology (1997), 83(3), 515-518
CODEN: JOPAA2; ISSN: 0022-3395
PB American Society of Parasitologists
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(direct comparison of antimalarial activity among PS-15 combination
therapies by bioassay of serum samples from treated Saimiri sciureus)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

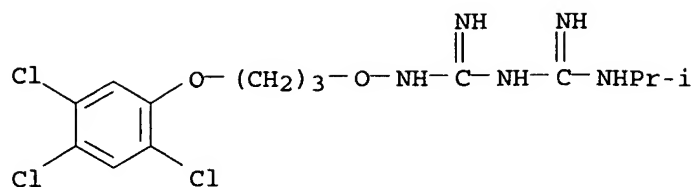
L4 ANSWER 24 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:399266 CAPLUS
DN 127:92587
TI The activity of triple combinations of antifolate biguanides, with and
without folinic acid, against Plasmodium falciparum in vitro
AU Yeo, A. E. T.; Rieckmann, K. H.
CS Army Malaria Research Unit, University of Sydney, NSW 2174, Australia
SO Annals of Tropical Medicine and Parasitology (1997), 91(3), 247-251
CODEN: ATMPA2; ISSN: 0003-4983
PB Carfax
DT Journal
LA English
IT 191999-54-9 191999-55-0
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); BIOL (Biological study)
(activity of triple combinations of antifolate biguanides, with and
without folinic acid, against Plasmodium falciparum in vitro)
RN 191999-54-9 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-
trichlorophenoxy)propoxy]-, hydrochloride, mixt. with trans-2-[4-(4-
chlorophenyl)cyclohexyl]-3-hydroxy-1,4-naphthalenedione and
4,4'-sulfonylbis[benzenamine] (9CI) (CA INDEX NAME)

CM 1

CRN 150374-62-2

CMF C14 H20 Cl3 N5 O2 . x Cl H

10/716,283



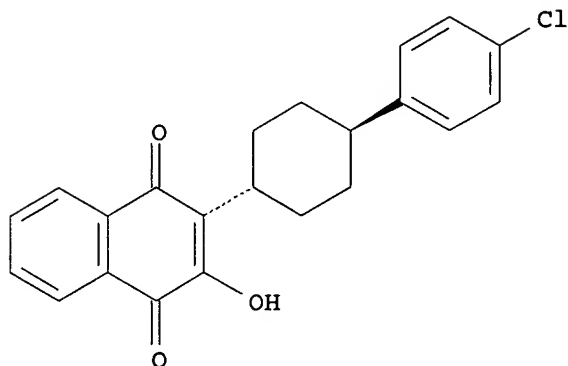
●x HCl

CM 2

CRN 95233-18-4

CMF C22 H19 Cl O3

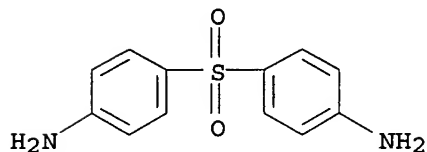
Relative stereochemistry.



CM 3

CRN 80-08-0

CMF C12 H12 N2 O2 S



RN 191999-55-0 CAPLUS

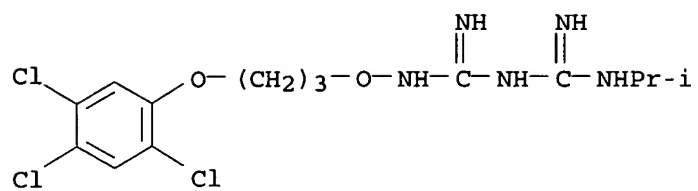
CN L-Glutamic acid, N-[4-[[[(2-amino-5-formyl-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridiny]methyl]amino]benzoyl]-, mixt. with trans-2-[4-(4-chlorophenyl)cyclohexyl]-3-hydroxy-1,4-naphthalenedione, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]imidodicarbonimidic diamide hydrochloride and 4,4'-sulfonylbis[benzenamine] (9CI) (CA INDEX NAME)

CM 1

CRN 150374-62-2

CMF C14 H20 Cl3 N5 O2 . x Cl H

10/716,283



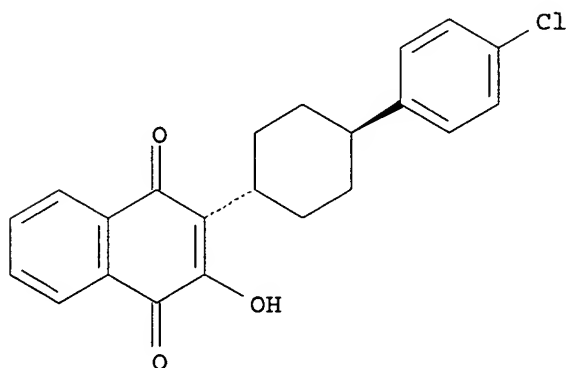
●x HCl

CM 2

CRN 95233-18-4

CMF C22 H19 Cl O3

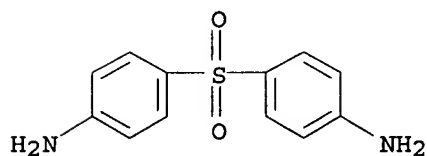
Relative stereochemistry.



CM 3

CRN 80-08-0

CMF C12 H12 N2 O2 S



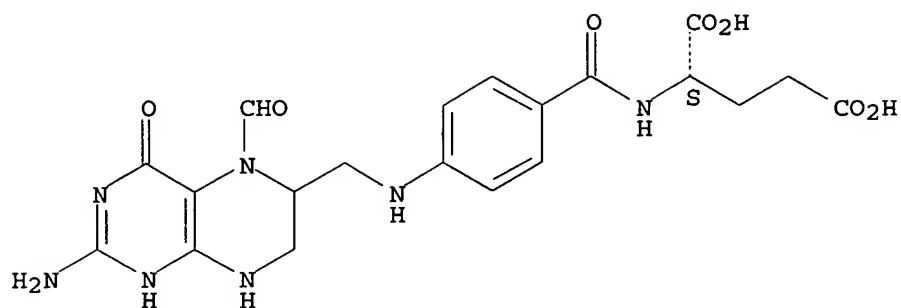
CM 4

CRN 58-05-9

CMF C20 H23 N7 O7

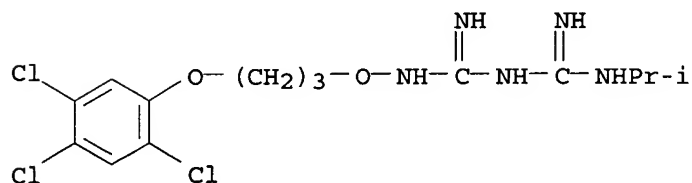
Absolute stereochemistry.

10/716,283



RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:301803 CAPLUS
DN 127:294
TI Effects of dual combinations of antifolates with atovaquone or dapsone on nucleotide levels in Plasmodium falciparum
AU Yeo, Anthony E. T.; Seymour, Kristen K.; Rieckmann, Karl H.; Christopherson, Richard I.
CS DEPARTMENT OF BIOCHEMISTRY, UNIVERSITY OF SYDNEY, SYDNEY, NSW 2006, Australia
SO Biochemical Pharmacology (1997), 53(7), 943-950
CODEN: BCPCA6; ISSN: 0006-2952
PB Elsevier
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(effects of dual combinations of antifolates with atovaquone or dapsone on nucleotide levels in Plasmodium falciparum)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



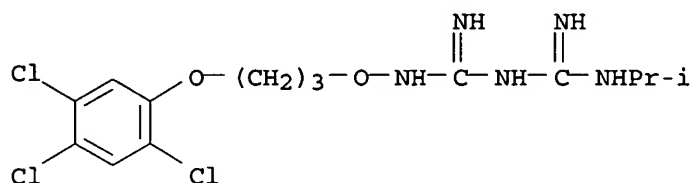
●x HCl

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 26 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:181869 CAPLUS
DN 126:233142
TI Effects of folic and folinic acids on the activities of cycloguanil and WR99210 against Plasmodium falciparum in erythrocytic culture

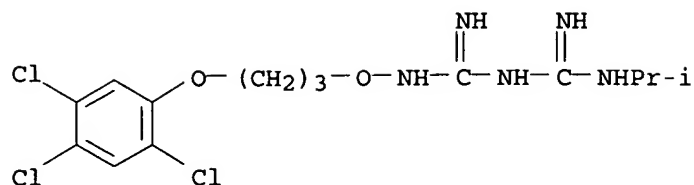
10/716,283

AU Yeo, A. E. T.; Seymour, K. K.; Riechmann, K. H.; Christopherson, R. I.
CS Dep. Biochem., Univ. Sydney, NSW 2006, Australia
SO Annals of Tropical Medicine and Parasitology (1997), 91(1), 17-23
CODEN: ATMPA2; ISSN: 0003-4983
PB Carfax
DT Journal
LA English
IT 150374-62-2, PS 15
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(folic and folinic acids effect on antimalarial activity of)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

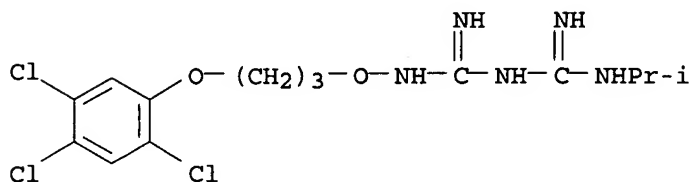
L4 ANSWER 27 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:13802 CAPLUS
DN 126:112762
TI Evaluation of selected antiprotozoal drugs in the Babesia microti-hamster model
AU Marley, Sara E.; Eberhard, Mark L.; Steurer, Frank J.; Ellis, William L.; McGreevy, Patrick B.; Ruebush, Trenton K., II.
CS Div. Parasitic Diseases, National Center Infectious Diseases, Athens, GA, 30602, USA
SO Antimicrobial Agents and Chemotherapy (1997), 41(1), 91-94
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 150374-62-2, WR 250417
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(effects of antiprotozoal drugs in Babesia microti-hamster model)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 28 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:709614 CAPLUS
DN 126:26421
TI Activity of PS-15 and its metabolite, WR99210, against Plasmodium falciparum in an in vivo-in vitro model
AU Rieckmann, Karl H.; Yeo, Anthony E. T.; Edstein, Michael D.
CS Army Malaria Research Unit, Univ. of Sydney, Australia
SO Transactions of the Royal Society of Tropical Medicine and Hygiene (1996), 90(5), 568-571
CODEN: TRSTAZ; ISSN: 0035-9203
PB Royal Society of Tropical Medicine and Hygiene
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(PS-15 and metabolite WR99210 effect against Plasmodium falciparum)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

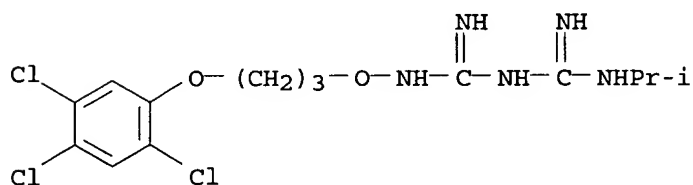


●x HCl

L4 ANSWER 29 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:544237 CAPLUS
DN 125:185018
TI Combination of PS-15, epiroprim, or pyrimethamine with dapsone in prophylaxis of Toxoplasma gondii and Pneumocystis carinii dual infection in a rat model
AU Brun-Pascaud, Monique; Chau, Francoise; Garry, Louis; Jacobus, David; Derouin, Francis; Girard, Pierre-Marie
CS Inst. National Sante Rech. Med. Unite 13, Hopital Bichat, Paris, Fr.

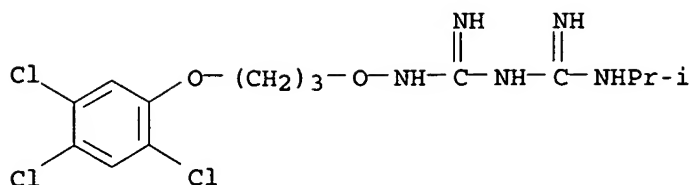
10/716,283

SO Antimicrobial Agents and Chemotherapy (1996), 40(9), 2067-2070
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combination of PS-15, epiroprim, or pyrimethamine with dapsone in prophylaxis of Toxoplasma gondii and Pneumocystis carinii dual infection in a rat model)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



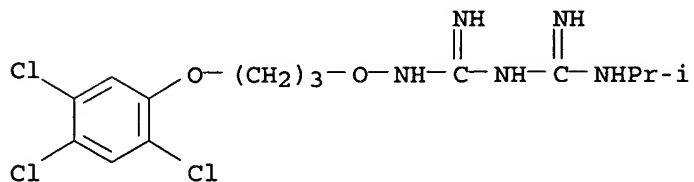
●x HCl

L4 ANSWER 30 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:728318 CAPLUS
DN 123:138565
TI In vitro activities of PS-15, a new dihydrofolate reductase inhibitor, and its cyclic metabolite against Mycobacterium avium complex
AU Meyer, S. C. C.; Majumder, S. K.; Cyamon, M. H.
CS State Univ. New York Health Sci. Cent., Syracuse, NY, 13210, USA
SO Antimicrobial Agents and Chemotherapy (1995), 39(8), 1862-3
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antimicrobial activity of PS-15, a new dihydrofolate reductase inhibitor, and its cyclic metabolite against Mycobacterium avium complex)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

L4 ANSWER 31 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1995:649220 CAPLUS
 DN 123:79358
 TI Interactions of atovaquone with other antimalarial drugs against Plasmodium falciparum in vitro
 AU Canfield, C. J.; Pudney, M.; Gutteridge, W. E.
 CS Pharmaceutical Systems Incorporated, Gaithersburg, MD, 20879, USA
 SO Experimental Parasitology (1995), 80(3), 373-81
 CODEN: EXPAAA; ISSN: 0014-4894
 DT Journal
 LA English
 IT 150374-62-2, PS 15 (pharmaceutical)
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (synergistic; interaction of atovaquone with other antimalarial drugs against Plasmodium falciparum in vitro)
 RN 150374-62-2 CAPLUS
 CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

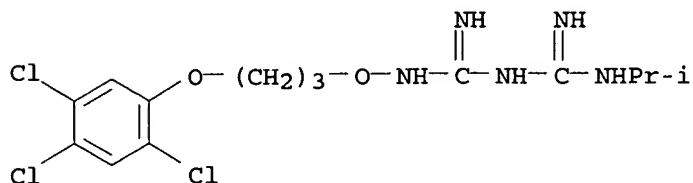


●x HCl

L4 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1995:498135 CAPLUS
 DN 122:255571
 TI Effect of atovaquone and atovaquone drug combinations on prophylaxis of Pneumocystis carinii pneumonia in SCID mice
 AU Comley, John C. W.; Sterling, Alethea M.
 CS Experimental Biol. Group, Biol. Div., Wellcome Res. Lab., Beckenham, Kent, BR3 3BS, UK
 SO Antimicrobial Agents and Chemotherapy (1995), 39(4), 806-11
 CODEN: AMACQ; ISSN: 0066-4804
 PB American Society for Microbiology
 DT Journal

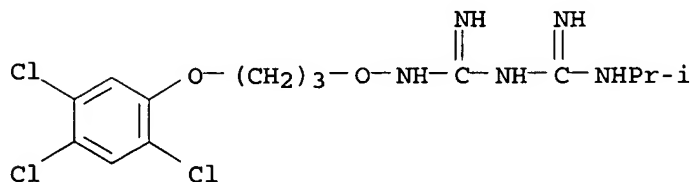
10/716,283

LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(effect of atovaquone and atovaquone drug combinations on prophylaxis of *Pneumocystis carinii* pneumonia in SCID mice)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

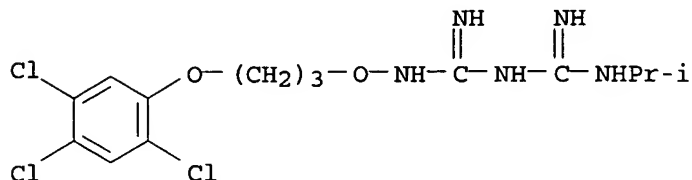
L4 ANSWER 33 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1995:185696 CAPLUS
DN 122:23087
TI Relative potency of 10 drugs with anti-*Pneumocystis carinii* activity in an animal model
AU Hughes, Walter T.; Killmar, John T.; Oz, Helieh S.
CS Department Infections Diseases, St. Jude Children's Research Hospital, Memphis, TN, 38101, USA
SO Journal of Infectious Diseases (1994), 170(4), 906-11
CODEN: JIDIAQ; ISSN: 0022-1899
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(relative potency of ten drugs with anti-*Pneumocystis carinii* activity in an animal model)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

10/716,283

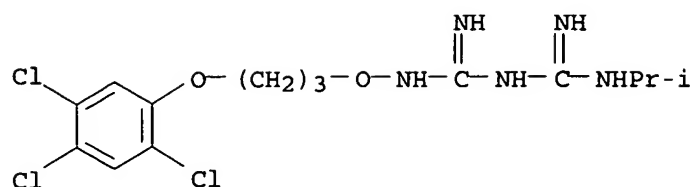
L4 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:645257 CAPLUS
DN 121:245257
TI The activity of PS-15 in combination with sulfamethoxazole
AU Yeo, A. E. T.; Rieckmann, K. H.
CS Australian Army Malaria Research Unit, University Sydney, Australia
SO Tropical Medicine and Parasitology (1994), 45(2), 136-7
CODEN: TMPAEY; ISSN: 0177-2392
DT Journal
LA English
IT 150374-62-2, PS-15
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(activity of PS-15 in combination with sulfamethoxazole)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

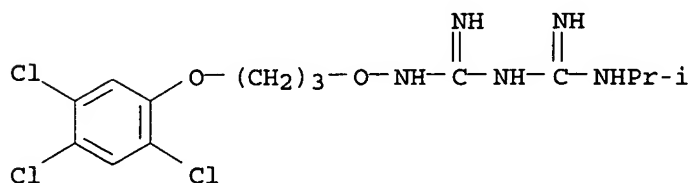
L4 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:426308 CAPLUS
DN 121:26308
TI Evaluation of WR250417 (a proguanil analog) for causal prophylactic activity in the Plasmodium cynomolgi-Macaca mulatta model
AU Edstein, Michael D.; Corcoran, Kevin D.; Shanks, G. Dennis; Ngampochjana, Montip; Hansukjariya, Pranee; Sattabongkot, Jetsumon; Webster, H. Kyle; Rieckmann, Karl H.
CS U.S. Army Med. Compon., Armed Forces Res. Inst. Med. Sci., Bangkok, Thailand
SO American Journal of Tropical Medicine and Hygiene (1994), 50(2), 181-6
CODEN: AJTHAB; ISSN: 0002-9637
DT Journal
LA English
IT 150374-62-2, WR 250417
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antimalarial activity of, prophylactic effects in)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

10/716,283



●x HCl

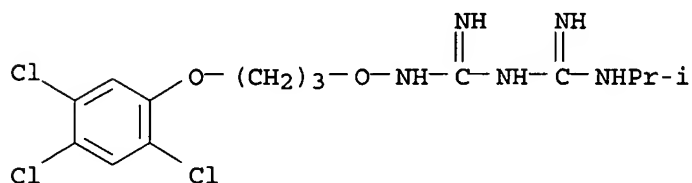
L4 ANSWER 36 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:124210 CAPLUS
DN 120:124210
TI PS-15: a potent, orally active antimalarial from a new class of folic acid antagonists
AU Canfield, C. J.; Milhous, W. K.; Ager, A. L.; Rossan, R. N.; Sweeney, T. R.; Lewis, N. J.; Jacobus, D. P.
CS Pharm. Syst. Inc., Gaithersburg, MD, USA
SO American Journal of Tropical Medicine and Hygiene (1993), 49(1), 121-126
CODEN: AJTHAB; ISSN: 0002-9637
DT Journal
LA English
IT 150374-62-2P, PS 15
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and antimalarial activity of oral antifolate, resistance in relation to)
RN 150374-62-2 CAPLUS
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

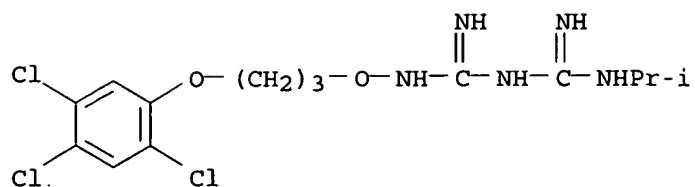
L4 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:106393 CAPLUS
DN 120:106393
TI Preparation of N,N'-substituted imidodicarbonimidic diamides derived from hydroxylamines
IN Canfield, Craig; Jacobus, David; Lewis, Neil
PA Jacobus Pharmaceutical Co., Inc., USA
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 9316037	A1	19930819	WO 1993-US395	19930119
	W: AU, BG, BR, CA, CZ, FI, HU, JP, KR, LK, MG, MW, NO, PL, RO, RU, SD, SK, UA				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	US 5322858	A	19940621	US 1992-837258	19920214
	AU 9334759	A1	19930903	AU 1993-34759	19930119
	AU 668709	B2	19960516		
	EP 625967	A1	19941130	EP 1993-903532	19930119
	EP 625967	B1	19970827		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 07503730	T2	19950420	JP 1993-514071	19930119
	JP 3207200	B2	20010910		
	HU 68802	A2	19950728	HU 1994-1976	19930119
	HU 220389	B	20020128		
	PL 172001	B1	19970731	PL 1993-304776	19930119
	AT 157352	E	19970915	AT 1993-903532	19930119
	ES 2108862	T3	19980101	ES 1993-903532	19930119
	PL 173258	B1	19980227	PL 1993-315533	19930119
	RU 2133737	C1	19990727	RU 1994-39539	19930119
	CA 2129430	C	20040406	CA 1993-2129430	19930119
	CZ 294257	B6	20041110	CZ 1994-1964	19930119
	IL 104484	A1	19980715	IL 1993-104484	19930122
	ZA 9300974	A	19930914	ZA 1993-974	19930212
	CN 1076689	A	19930929	CN 1993-101894	19930213
	CN 1057520	B	20001018		
	NO 9402988	A	19941005	NO 1994-2988	19940812
	NO 302616	B1	19980330		
	FI 9403738	A	19941012	FI 1994-3738	19940812
PRAI	US 1992-837258	A	19920214		
	WO 1993-US395	A	19930119		
OS	MARPAT 120:106393				
IT	152662-90-3P 152662-91-4P 152662-92-5P				
	152662-93-6P 152662-94-7P 152662-95-8P				
	152662-96-9P 152662-97-0P 152662-98-1P				
	152662-99-2P 152663-00-8P 152663-01-9P				
	152663-02-0P 152663-03-1P 152663-04-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of, as antimicrobial)				
RN	152662-90-3 CAPLUS				
CN	Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]- (9CI) (CA INDEX NAME)				



RN 152662-91-4 CAPLUS
 CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)

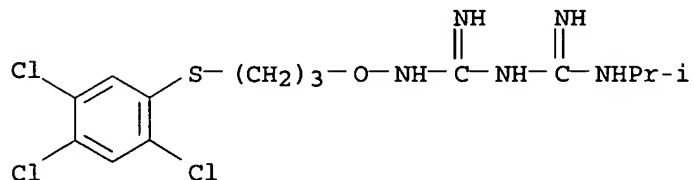
10/716,283



● HCl

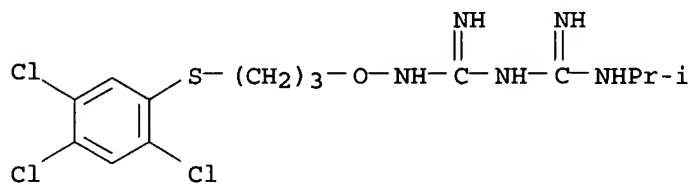
RN 152662-92-5 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[(2,4,5-trichlorophenyl)thio]propoxy]- (9CI) (CA INDEX NAME)



RN 152662-93-6 CAPLUS

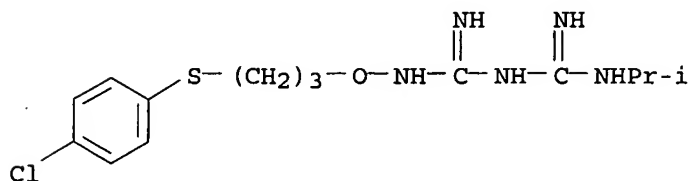
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-[(2,4,5-trichlorophenyl)thio]propoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 152662-94-7 CAPLUS

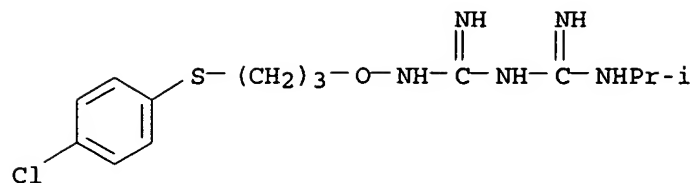
CN Imidodicarbonimidic diamide, N-[3-[(4-chlorophenyl)thio]propoxy]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 152662-95-8 CAPLUS

CN Imidodicarbonimidic diamide, N-[3-[(4-chlorophenyl)thio]propoxy]-N'-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

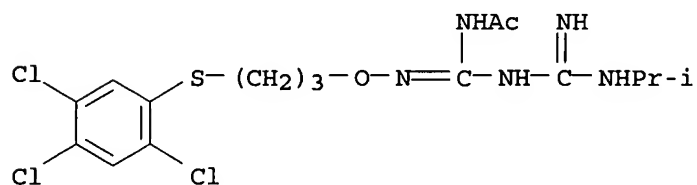
10/716,283



● HCl

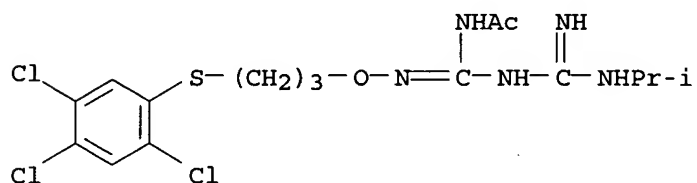
RN 152662-96-9 CAPLUS

CN Acetamide, N-[[[imino[(1-methylethyl)amino]methyl]amino][3-[(2,4,5-trichlorophenyl)thio]propoxy]amino]methylene]- (9CI) (CA INDEX NAME)



RN 152662-97-0 CAPLUS

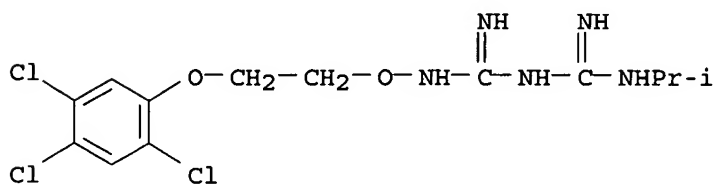
CN Acetamide, N-[[[imino[(1-methylethyl)amino]methyl]amino][3-[(2,4,5-trichlorophenyl)thio]propoxy]amino]methylene]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 152662-98-1 CAPLUS

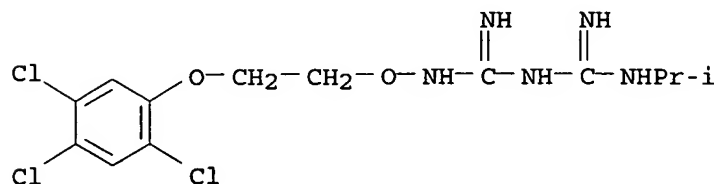
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[2-(2,4,5-trichlorophenoxy)ethoxy]- (9CI) (CA INDEX NAME)



RN 152662-99-2 CAPLUS

10/716,283

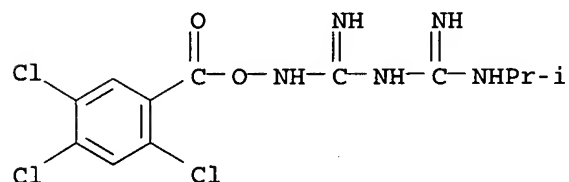
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[2-(2,4,5-trichlorophenoxy)ethoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

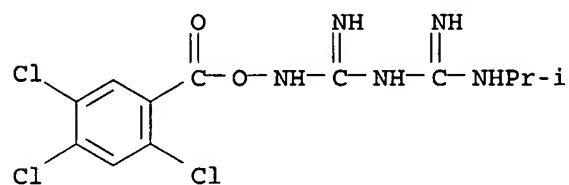
RN 152663-00-8 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[(2,4,5-trichlorobenzoyl)oxy]- (9CI) (CA INDEX NAME)



RN 152663-01-9 CAPLUS

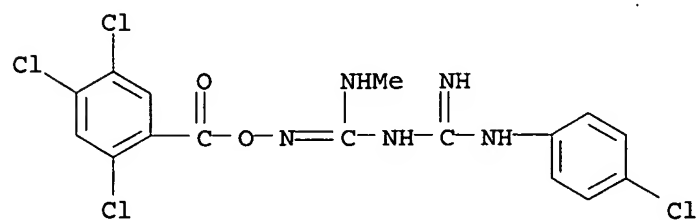
CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[(2,4,5-trichlorobenzoyl)oxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 152663-02-0 CAPLUS

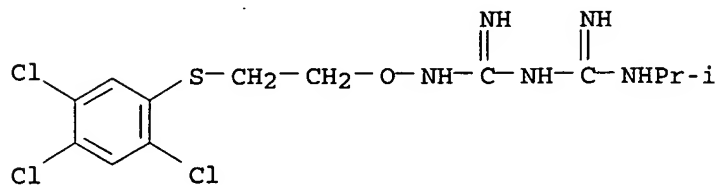
CN Imidodicarbonimidic diamide, N'-(4-chlorophenyl)-N-methyl-N'-[(2,4,5-trichlorobenzoyl)oxy]- (9CI) (CA INDEX NAME)



10/716,283

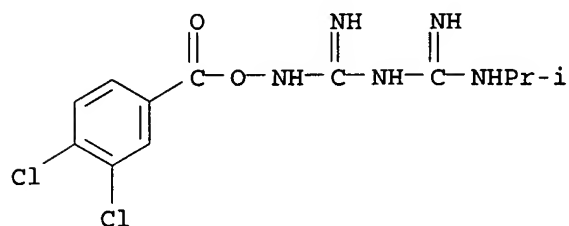
RN 152663-03-1 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[2-[(2,4,5-trichlorophenyl)thio]ethoxy] - (9CI) (CA INDEX NAME)



RN 152663-04-2 CAPLUS

CN Imidodicarbonimidic diamide, N-[(3,4-dichlorobenzoyl)oxy]-N'-(1-methylethyl) - (9CI) (CA INDEX NAME)



L4 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1993:573661 CAPLUS

DN 119:173661

TI Anti-Pneumocystis carinii activity of PS-15, a new biguanide folate antagonist

AU Hughes, Walter T.; Jacobus, David P.; Canfield, Craig; Killmar, John

CS Dep. Infect. Dis., St. Jude Child. Res. Hosp., Memphis, TN, 38105, USA

SO Antimicrobial Agents and Chemotherapy (1993), 37(7), 1417-19

CODEN: AMACQ; ISSN: 0066-4804

DT Journal

LA English

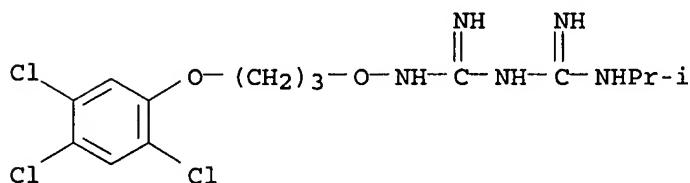
IT 150374-62-2, PS 15

RL: BIOL (Biological study)

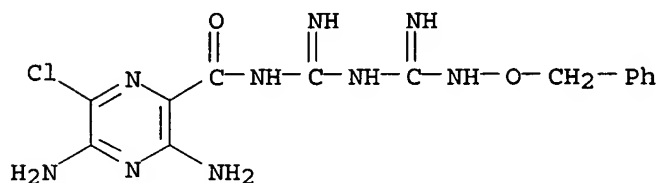
(as biguanide folate antagonist, Pneumocystis carinii pneumonia inhibition by)

RN 150374-62-2 CAPLUS

CN Imidodicarbonimidic diamide, N-(1-methylethyl)-N'-[3-(2,4,5-trichlorophenoxy)propoxy] -, hydrochloride (9CI) (CA INDEX NAME)

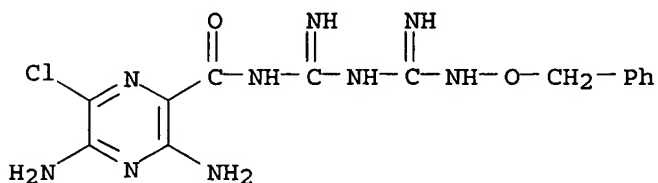


L4 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1977:121292 CAPLUS
 DN 86:121292
 TI Activated esters of substituted pyrazinecarboxylic acids
 AU Shepard, Kenneth L.; Halczenko, Wasyl; Cragoe, Edward J., Jr.
 CS Dep. Med. Chem., Merck Sharp and Dohme Res. Lab., West Point, PA, USA
 SO Journal of Heterocyclic Chemistry (1976), 13(6), 1219-24
 CODEN: JHTCAD; ISSN: 0022-152X
 DT Journal
 LA English
 IT 33231-71-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 33231-71-9 CAPLUS
 CN Pyrazinecarboxamide, 3,5-diamino-6-chloro-N-[imino[[imino[(phenylmethoxy)amino]methyl]amino]methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1972:434570 CAPLUS
 DN 77:34570
 TI Pyrazinamide derivatives as diuretics and natriuretics
 IN Cragoe, Edward J., Jr.; Shepard, Kenneth L.
 PA Merck and Co., Inc.
 SO Fr. Demande, 54 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2034542		19710108		
PRAI	US 1969-798809		19690212		
IT	33231-71-9P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	33231-71-9	CAPLUS			
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro-N-[imino[[imino[(phenylmethoxy)amino]methyl]amino]methyl]- (9CI) (CA INDEX NAME)				



L4 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1971:420438 CAPLUS
DN 75:20438
TI N-substituted 3,5-diamino-6-halopyrazinamides
IN Shepard, Kenneth L.; Cragoe, Edward J., Jr.
PA Merck and Co., Inc.
SO U.S., 10 pp.
CODEN: USXXAM

FAN.CNT 1					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 3573306	A	19710330	US 1969-804663	19690305
	NL 7001141	A	19700908	NL 1970-1141	19700127
	BE 746816	A	19700904	BE 1970-746816	19700304
PRAI	US 1969-804663	A	19690305		

Nc1nc(N)c(Cl)c(NC(=O)NC(=N)NC(=N)NOCc2ccccc2)c1CN(C(=O)Nc1ccc(Cl)cc1)C(=O)N

10/716,283

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

142.83

304.80

STN INTERNATIONAL LOGOFF AT 18:07:55 ON 11 NOV 2005